Rank	Config 01				Config 03				Config 07				Config 09				Config 19			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4637008	1021381	36401	40209	4715856	25196	18869	13168	4715768	24442	10106	14020	4715856	25154	8224	13768	4637008	365630	28843	27829
2	4635920	1344383	32131	49453	4715768	24364	18495	13725	4715184	21744	9953	12978	4715768	24468	7244	14172	4208600	193560	24400	17018
3	4208600	290945	31211	21677	4637008	1016386	16377	39451	4715856	25167	7452	13579	4621360	15591	5474	4644	4635920	453491	22598	34339
4	4208344	107629	28818	7266	4635920	1342167	13283	48762	4621360	15618	6596	4298	4715184	21753	5000	13169	4635952	452586	22102	114546
5	4635952	1053115	28075	147343	4715184	21547	12783	12588	4422496	25153	5838	4131	4635920	1344469	2771	49806	4637040	416795	21364	112915
6	4637040	784986	25090	140453	4422424	25117	12438	4232	4635920	1343601	5406	49986	4637008	1015886	1787	39741	4715856	24692	18838	12496
7	4208152	102800	21070	8235	4422496	25377	11916	4102	4200200	147966	4073	17384	4213208	4480	1600	3853	4715768	24124	18376	12995
8	4715856	25186	18724	13164	4637528	123777	9669	30065	4637008	1015834	3508	39649	4206312	13847	1519	9071	4208152	36342	13657	5022
9	4715768	24407	18293	13672	4206312	13726	9421	9004	4206312	13917	3415	9083	4715144	9754	1463	6129	4637528	44192	13249	13939
10	4637528	124843	16905	30939	4621360	15707	7677	4029	4715144	9941	3015	6173	4381832	34666	1352	21843	4207704	38546	13001	2551
11	4201736	50833	16370	8522	4200200	148012	6200	17303	4212728	41498	2454	7790	4200200	147582	1233	17267	4422424	22109	12878	3557
12	4636200	849712	16062	128869	4381832	34240	5350	21709	4584136	5908	2236	1498	4202688	23528	1168	6069	4208344	28466	12861	4153
13	4636232	546063	13566	102100	4212728	41626	4970	7965	4635952	1050941	2104	146221	4201736	50518	1113	8542	4715184	20641	12803	11465
14	4422424	25268	12810	4444	4201736	50700	4899	8428	4381832	34447	2079	21646	4637528	125633	1076	30532	4201736	27102	12064	7000
15	4715184	21478	12577	12624	4636824	176829	4669	25727	4202336	190464	1958	9877	4718608	5315	1053	2963	4636200	377294	11844	95696
16	4636824	177114	12554	26294	4497288	17460	4425	4780	4213208	4416	1932	3768	4589832	3360	1050	2586	4206312	14296	11540	8947
17	4637224	407334	12277	97766	4208600	290096	4194	21249	4390976	3167	1796	388	4212728	41711	985	8020	4422496	24064	10952	3720
18	4206312	14142	12079	9370	4554896	107529	4087	8623	4553296	334591	1791	19459	4489624	1870	942	1527	4636232	232316	10125	69927
19	4422496	25526	11508	4262	4497192	17687	3994	4113	4206344	12177	1749	8365	4213104	34160	871	6082	4637224	209270	9991	68145
20	4635272	397199	9534	94959	4715144	10230	3855	6018	4637528	124711	1719	30560	4307672	3557	820	370	4636824	58072	8867	13606
21	4553088	88584	9044	12295	4402072	6919	3686	1700	4422424	24972	1649	4192	4635952	1051329	714	146447	4635272	124825	8785	51013
22	4212728	42077	8874	8086	4207648	117847	3546	17134	4548656	34352	1611	7316	4719456	4837	714	2777	4621360	15544	7623	4011
23	4637192	435960	8839	114736	4213104	33967	3522	5956	4213104	34006	1589	5972	4206344	12177	694	8430	4212728	18776	7404	6402
24	4207648	118477	8571	17510	4213208	4365	3475	3710	4201736	50679	1521	8477	4211632	19426	655	4750	4553296	91378	7217	13213
25	4208656	226360	8432	13345	4208152	102986	3416	8113	4636232	543326	1437	99119	4208600	290128	644	21263	4634152	136442	7005	50948
26	4637104	384812	8309	108206	4594424	5413	3415	1351	4589832	3227	1383	2489	4435248	1139	630	1052	4637192	225215	6531	83191
27	4636360	466491	8119	85784	4553296	334503	3147	19279	4401576	3472	1378	1527	4202336	190738	629	9811	4553088	46209	6381	7477
28	4553296	338153	8052	19512	4202440	77776	2699	7285	4715800	4047	1377	2353	4548656	34219	609	7297	4637104	210345	6274	78601
29	4634152	294118	7859	81669	4548656	34271	2699	7330	4202688	23409	1368	5953	4206368	10816	582	6769	4207648	39116	6156	12191
30	4582368	33610	7816	3070	4374768	8963	2644	1396	4718608	5394	1285	2955	4422424	25103	570	4193	4636360	200395	5892	57244
31	4200200	146359	7786	17157	4202336	190587	2588	9863	4213160	13038	1279	4454	4715800	4071	567	2440	4553616	16631	5890	1956
32	4621360	15656	7609	3951	4213160	13096	2556	4477	4636200	846502	1273	126614	4590496	3576	555	2858	4637640	106321	5751	54503
33	4637640	345622	7328	104679	4203080	43674	2399	6205	4207648	117966	1246	17240	4208656	225853	554	13127	4634696	73898	5712	32323
34	4637448	390544	7274	92160	4381144	10740	2339	3345	4636824	176699	1230	25924	4381872	16465	550	5096	4637448	204017	5591	64519
35	4634192	315332	6985	84036	4212184	28579	2326	6835	4594424	5355	1172	1351	4202440	78024	542	7232	4634192	148990	5427	54331
36	4200928	101334	6509	6409	4381872	16455	2305	5145	4381872	16371	1156	5009	4437288	19847	541	14668	4200928	24350	5200	2907
37	4636384	268141	6199	65025	4553128	105450	2256	9548	4307648	3522	1088	350	4213160	13232	540	4551	4582368	7138	5009	405
38	4634696	192418	6112	63314	4205464	30962	2227	6242	4381248	20397	1065	7042	4636824	176799	509	25808	4213584	30483	4893	4209
39	4552960	75551	5806	6680	4553088	88858	2204	12175	4553128	104923	1056	9559	4307648	3527	501	364	4208656	42464	4759	8516
40	4207704	22297	5768	1654	4413952	7048	2158	921	4404624	9307	1035	2562	4553128	105253	492	9576	4635432	115782	4736	50653
41	4635432	352257	5541	87947	4635952	1049680	2155	146284	4595680	5741	947	1306	4202232	70350	492	10355	4636384	113517	4736	41164
42	4213584	40771	5482	5830	4381096	20607	2080	5301	4360800	1889	920	307	4386224	7605	491	4327	4206664	31687	4649	3519
43	4381832	34293	5441	21667	4208656	225829	2079	13061	4489624	1848	920	1529	4212184	28908	482	6863	4213208	7499	4510	3946
44	4206664	61759	5403	4773	4584136	5890	2072	1397	4212184	28813	919	6880	4553088	88297	480	12071	4497288	8708	4447	1597
45	4202232	69922	5221	10628	4401576	3206	2067	1378	4208656	225577	917	13053	4213696	19786	456	5067	4552960	43690	4430	4478
46	4200448	20560	5153	6185	4718608	5529	2056	3027	4719456	4802	901	2757	4719000	3282	433	1886	4381832	13704	4350	10508
47	4206984	33462	4968	3087	4506440	3591	1981	683	4202840	38151	884	6824	4556080	6188	429	5050	4206984	15024	4309	1450
48	4211864	52458	4916	10324	4375200	7073	1966	1091	4208600	289876	874	21105	4434672	7116	413	6212	4637296	82321	4079	28694
49	4637296	165473	4911	45436	4213696	20104	1964	5011	4205464	30821	848	6239	4207648	117863	409	17084	4715144	9651	3736	5501
50	4208728	484511	4752	13526	4413976	9015	1934	1072	4202976	30323	822	6129	4589328	7262	402	6223	4554896	11440	3734	3544
51	4199816	15185	4700	2302	4211632	19228	1894	4663	4211632	19339	817	4922	4382224	7120	380	4862	4200200	20862	3650	7067
52	4212184	28755	4672	6982	4208096	55007	1873	6354	4497288	17185	767	4673	4381096	20644	377	5296	4497192	8378	3582	1229
53	4497288	17409	4514	4907	4202232	70075	1860	10317	4637192	433890	762	112540	4202840	38175	368	6825	4635248	32110	3444	20564
54	4636496	224742	4331	51739	4213488	10560	1848	4203	4202440	77732	733	7170	4590440	2522	363	1916	4213696	14836	3442	3435
55	4554896	108262	4307	8817	4202976	30345	1846	6171	4435248	1124	732	1039	4719688	3230	354	1823	4208096	25965	3413	4165
56	4213696	19821	4047	5175	4203336	33444	1830	6119	4637104	385421	710	106046	4553296	335312	353	19239	4594424	4698	3405	1116
57	4200064	60326	3975	11879	4393096	5595	1822	1537	4477920	1053	707	74	4381144	10728	351	3377	4213104	8820	3338	4236
58	4715144	10265	3914	6109	4497160	7026	1811	1872	4203336	33801	691	6214	4202016	13457	334	2963	4636496	97329	3277	32392
59	4497192	17702	3838	4251	4392096	2954	1799	974	4206368	10658	680	6688	4208192	21556	333	4484	4202336	30001	3270	5844
60	4635248	313785	3752	84716	4393064	2758	1757	493	4447688	2280	679	245	4555608	72216	328	4706	4207728	40454	3184	3958
61	4208096	55029	3641	6615	4715800	4038	1748	2315	4382224	7099	656	4947	4200064	60418	319	11771	4208728	46921	3119	7620
62	4202840	38522	3619	7007	4307672	3561	1738	318	4637640	345314	652	103455	4200120	57135	316	8700	4393096	4613	2998	1122
63	4555608	72493	3615	4824	4400576	5141	1732	554	4208728	481121	644	13027	4213584	40665	313	5702	4211864	31721	2988	6024
64	4553128	105589	3570	9755	4213584	40453	1718	5744	4402072	7023	629	1765	4401552	1666	310	580	4635040	36871	2850	23749
Total L1 Misses	33683451			Total L1 Misses	33513893			Total L1 Misses	33551658			Total L1 Misses	33540421			Total L1 Misses	12451550			Total L1 Misses	12436481
Total L2 Misses	1379833			Total L2 Misses	595298			Total L2 Misses	225215			Total L2 Misses	105161			Total L2 Misses	1112479			Total L2 Misses	510297
Total EAs	10537			Total EAs	10527			Total EAs	10561			Total EAs	10539			Total EAs	10516			Total EAs	10505
Total EAs (Miss)	7743			Total EAs (Miss)	7685			Total EAs (Miss)	7839			Total EAs (Miss)	7787			Total EAs (Miss)	6846			Total EAs (Miss)	6806
Total EAs (Hit)	2794			Total EAs (Hit)	2842			Total EAs (Hit)	2722			Total EAs (Hit)	2752			Total EAs (Hit)	3670			Total EAs (Hit)	3699
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0
Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0
Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0
Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0

Rank	Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4715856	24656	18936	12525	4715184	21083	9932	11960	4715856	24670	6976	13208
2	4715768	24073	18531	12852	4715768	24117	9382	13232	4715768	24146	5887	13389
3	4637008	364397	14114	26825	4715856	24671	7138	12899	4621360	15414	5003	4600
4	4715184	20654	12900	11550	4621360	15482	6445	4254	4715184	21049	4178	12128
5	4422424	22065	12581	3361	4422496	23800	5174	3415	4635920	451885	1682	33910
6	4422496	24048	11846	3523	4635920	451576	3567	33989	4213208	7424	1480	3938
7	4635920	450480	8815	33230	4206312	14151	2952	8848	4637008	364312	1198	26974
8	4637528	43719	8471	13181	4715144	9212	2774	5615	4206312	14044	1189	8755
9	4206312	14095	8304	8690	4212728	18535	2326	6241	4715144	9244	1188	5760
10	4621360	15545	7672	3867	4637008	364925	2174	27109	4589832	1947	993	1665
11	4201736	26956	4815	6795	4584136	5168	2154	1166	4202688	10994	991	3491
12	4212728	18475	4740	6217	4202336	29791	1929	5627	4381832	13793	984	10542
13	4497288	8783	4369	1609	4200200	20896	1865	6995	4201736	26925	958	6776
14	4381832	13825	4133	10513	4390976	3134	1780	335	4718608	3498	890	1802
15	4636824	57724	4035	13241	4213208	7400	1729	3908	4212728	18517	850	6222
16	4715144	9654	3791	5460	4422424	21848	1535	3271	4213104	9059	821	4319
17	4497192	8474	3782	1243	4213104	8936	1508	4282	4489624	1178	807	1090
18	4402072	9945	3672	2246	4201736	27034	1475	6893	4637528	44581	768	13670
19	4554896	11031	3586	3449	4635952	451152	1441	113411	4307672	3541	730	376
20	4208600	192948	3413	16229	4381832	13721	1438	10434	4200200	20668	727	6978
21	4594424	4698	3401	1119	4637528	44683	1425	13928	4202336	29900	720	5714
22	4213104	8893	3293	4285	4553296	89481	1394	12862	4719456	2845	588	1575
23	4208152	36185	3273	4793	4589832	2006	1370	1692	4435248	766	527	757
24	4207648	38833	3102	11967	4637040	415933	1301	110517	4206344	2392	525	1604
25	4213208	7474	3093	3950	4715800	3361	1284	1880	4208600	192880	502	16129
26	4200200	20836	2819	7082	4202688	10919	1248	3398	4635952	451233	481	112995
27	4553296	89670	2486	12864	4718608	3547	1186	1836	4386224	4355	480	3193
28	4213160	5284	2434	2912	4207648	38860	1179	12078	4213160	3327	467	2972
29	4202336	29831	2425	5638	4594424	4690	1153	1117	4715800	3359	462	1916
30	4374768	2766	2359	494	4213160	3288	1141	2935	4590496	2502	453	2048
31	4202440	12379	2350	3861	4548656	8036	1076	3422	4211632	10068	449	2683
32	4375200	2183	2112	712	4401576	3223	1065	1252	4202440	12520	442	3911
33	4413952	8069	2107	972	4206344	2411	1061	1665	4548656	8143	430	3437
34	4381144	6238	2055	2694	4307648	3547	1045	346	4208656	42495	427	8076
35	4718608	3620	2009	1879	4360800	1979	1017	293	4207648	39123	427	12111
36	4506440	2744	1995	483	4404624	7152	967	1940	4381872	10108	404	3674
37	4413976	8436	1950	1027	4381872	10059	934	3634	4437288	8333	404	7336
38	4584136	5176	1898	1129	4595680	4250	920	902	4307648	3548	402	366
39	4208096	25890	1863	3935	4636824	57792	863	13285	4589328	4842	395	4561
40	4381096	6079	1852	2328	4719456	2849	838	1606	4422424	21845	389	3227
41	4381872	10125	1823	3666	4553128	46235	796	7045	4213696	14986	385	3352
42	4392096	2777	1810	906	4437688	2681	780	316	4553128	46239	379	7075
43	4401576	3024	1772	1139	4489624	1174	752	1089	4206368	2270	369	1430
44	4553128	46251	1770	7072	4381248	4554	730	2736	4719000	1821	357	989
45	4393096	4431	1767	983	4208656	42286	676	8097	4434672	6369	342	5595
46	4393064	2555	1748	384	4205464	8275	675	3066	4553296	89338	323	12700
47	4400576	5040	1732	526	4477920	1080	655	74	4202232	33740	323	5702
48	4307672	3540	1732	298	4497288	8515	634	1475	4212184	23337	321	6274
49	4502944	5006	1714	835	4208600	192955	620	16247	4719688	1579	316	900
50	4715800	3357	1705	1787	4435248	764	620	753	4590440	2074	314	1497
51	4307648	3546	1686	301	4636200	375861	616	93590	4636824	57732	295	13326
52	4203080	6668	1684	2332	4380760	1190	615	112	4382224	942	288	811
53	4208656	42254	1681	8085	4202440	12398	603	3790	4213584	30218	281	4052
54	4205464	8278	1670	3111	4212184	23286	590	6335	4556080	1639	271	1543
55	4372344	2073	1658	317	4203336	6708	573	2887	4202840	19860	250	3865
56	4635952	450798	1602	112991	4386224	4355	553	3194	4208192	10471	245	2334
57	4203336	6756	1602	2938	4636232	230869	543	67433	4553088	45726	237	7236
58	4548656	8046	1598	3384	4202840	19935	542	3891	4381096	6026	233	2306
59	4589224	5642	1577	1394	4202736	2357	542	883	4208728	46333	224	7219
60	4376088	1650	1546	773	4402416	5625	540	1474	4202976	13463	220	2993
61	4719456	2915	1543	1607	4402072	9992	529	2292	4434600	1212	213	596
62	4390976	3144	1537	385	4501144	4311	520	481	4213488	2323	210	1745
63	4213696	14988	1492	3294	4307672	3542	518	350	4401576	3217	201	1249
64	4213488	2323	1434	1696	4483088	2426	514	355	4393040	2343	200	1248
Total L1 Misses	12306641			Total L1 Misses	12372942							
Total L2 Misses	180093			Total L2 Misses	79279							
Total EAs	10536			Total EAs	10528							
Total EAs (Miss)	6941			Total EAs (Miss)	6868							
Total EAs (Hit)	3595			Total EAs (Hit)	3660							
Only 1 EA	0			Only 1 EA	0							
Only 2 EA	0			Only 2 EA	0							
Only 3 EA	0			Only 3 EA	0							
Only 4 EA	0			Only 4 EA	0							

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4637008	178261	27339	20329	4715856	24071	18455	12746	4715184	20697	9747	12347	4715856	24105	6539	13348
2	4208600	124489	23353	15035	4715768	23502	18031	13249	4715768	23617	9154	13615	4715768	23597	5389	13754
3	4635952	194060	22480	39804	4715184	20177	12687	11804	4715856	24066	6921	13197	4621360	15369	4839	4614
4	4635920	435372	22260	24447	4637008	176588	11110	19594	4621360	15397	6379	4246	4715184	20436	3864	12409
5	4637040	162974	19857	39088	4422424	18219	10070	2854	4422496	13622	3952	2156	4635920	433121	1417	24087
6	4715856	24082	18357	12757	4206312	9141	7772	6334	4715144	9204	2897	5840	4213208	3257	1397	2815
7	4715768	23536	17934	13199	4621360	15538	7685	3949	4206312	9025	2876	6262	4206312	9108	1194	6346
8	4208152	69200	16261	6524	4422496	13518	7541	2169	4635920	432928	2776	24046	4715144	9460	1185	6120
9	4201736	36417	15075	7194	4635920	432615	6633	23664	4584136	5322	2139	1139	4637008	176155	1012	19507
10	4715184	20171	12541	11849	4637528	42124	4986	13259	4212728	26928	2122	5710	4202688	8440	995	3244
11	4422424	18236	10322	3107	4201736	36328	4741	7041	4390976	3023	1705	362	4381832	8808	917	6552
12	4636232	95633	10219	23686	4212728	26984	4161	5744	4202336	20914	1703	5660	4589832	1958	907	1661
13	4636200	127467	10011	31437	4715144	9788	3974	5773	4213208	3338	1662	2876	4201736	36209	871	7052
14	4637528	42511	9736	13742	4381832	8620	3528	6385	4637008	176235	1633	19594	4212728	26986	837	5786
15	4637224	82317	9423	24076	4594424	4779	3388	1121	4422424	18087	1620	2792	4718608	3813	808	2122
16	4206312	9267	8510	6501	4213104	3700	3340	3353	4200200	20714	1616	6974	4213104	3721	798	3325
17	4636824	55807	8276	11440	4213208	3323	2923	2829	4213104	3589	1524	3235	4200200	20686	692	7035
18	4621360	15495	7615	3956	4208152	69095	2910	6234	4201736	36472	1399	6945	4307672	3349	681	341
19	4422496	13883	7399	2424	4554896	5990	2858	2320	4381832	8740	1358	6495	4202336	20964	670	5665
20	4553296	75812	7339	10950	4208600	124136	2539	14068	4589832	2107	1337	1744	4489624	994	656	908
21	4635272	72087	7196	21667	4636824	55373	2401	11005	4715800	3419	1254	1967	4637528	42227	573	13497
22	4212728	27505	7078	6043	4200200	20603	2333	6949	4202688	8497	1234	3222	4206344	2863	544	1649
23	4637192	78546	6416	27440	4213160	8303	2224	3191	4206344	2870	1217	1620	4719456	3113	540	1811
24	4553088	39759	6255	7521	4202440	5839	2217	2173	4553296	74688	1173	10559	4435248	711	452	676
25	4634152	58993	6159	18935	4207648	39181	2143	9944	4718608	3820	1158	2112	4202440	5775	438	2063
26	4637104	70410	5959	26281	4374768	2437	2090	449	4213160	8117	1130	3059	4635952	9431	2260	6489
27	4206664	28701	5762	2056	4718608	3977	2083	2144	4594424	4778	1095	1125	4590496	1281	428	1180
28	4207648	39330	5544	10316	4506440	3037	2081	498	4635952	193150	1078	39222	4307648	3480	411	352
29	4200928	63563	5452	4176	4202336	20917	2054	5647	4637528	42149	1062	13700	4715800	3381	405	1960
30	4213584	14589	5290	2328	4375200	2066	2016	626	4307648	3481	1041	353	4548656	1807	404	1390
31	4634192	54584	5139	18403	4553296	74896	1915	10545	4548656	1856	968	1432	4207648	39012	399	9953
32	4637448	67661	5093	21772	4413976	8843	1891	1022	4595680	4654	914	927	4437288	3822	395	3196
33	4208656	52608	4973	6670	4553128	3842	1833	2112	4636200	126155	903	30301	4213696	5882	391	1835
34	4582368	17595	4955	2142	4584136	5353	1735	1148	4207648	39066	867	9929	4208600	124057	385	13928
35	4636384	43962	4837	13719	4307672	3351	1703	294	4404624	5881	829	1643	4386224	1716	383	1304
36	4552960	35790	4766	4507	4307648	3475	1700	300	4381872	3558	795	1929	4636952	192916	375	38963
37	4636360	65723	4668	18735	4372344	2061	1645	286	4719456	3110	787	1843	4206368	2959	363	1769
38	4637640	50819	4398	23085	4715800	3395	1611	1907	4477920	1005	747	66	4381872	3506	355	1875
39	4207704	11443	4373	494	4497192	5284	1608	872	4401576	2021	726	784	4589328	1727	339	1601
40	4635432	55168	4352	20228	4497288	2171	1593	855	4437688	1492	688	138	4208656	52222	338	6154
41	4634696	36244	4269	13899	4381096	2768	1569	1287	4636824	55022	687	10994	4211632	6484	336	1108
42	4206984	18783	4269	1590	4393064	2532	1565	373	4381248	10767	678	4133	4553128	3771	334	2034
43	4715144	9768	3982	5811	4719456	3154	1547	1810	4553128	3807	660	2054	4719000	2221	334	1242
44	4637296	33021	3885	10723	4213696	5885	1503	1870	4636232	94741	649	22890	4553296	74727	319	10549
45	4381832	8724	3788	6478	4413952	3697	1500	584	4637192	77860	607	26695	4422424	18149	317	2752
46	4200200	20798	3480	7076	4376088	1566	1475	715	4380760	2876	606	365	4719688	1912	298	1079
47	4213696	5883	3389	1979	4548656	1827	1472	1375	4489624	965	605	872	4382224	1379	295	1070
48	4594424	4798	3383	1161	4203336	2964	1467	1400	4637040	161772	558	38121	4556080	1470	294	1320
49	4208728	34925	3313	7648	4402072	2044	1448	588	4203336	2919	557	1366	4212184	6707	289	2750
50	4211864	21698	3159	5695	4381872	3520	1445	1890	4435248	760	540	721	4590440	690	276	642
51	4554896	6394	3122	2487	4635952	193029	1429	39073	4360800	1081	538	246	4202232	27728	260	5865
52	4213104	3333	3061	3002	4202688	8495	1429	3238	4637104	70023	526	25205	4636824	55085	241	11152
53	4213208	3161	3007	2699	4390976	3043	1406	386	4307672	3357	525	348	4213584	14316	230	2266
54	4553248	69285	3005	3926	4589224	5976	1398	1469	4402072	2039	515	582	4202840	11731	227	2987
55	4199816	5094	2993	437	4213584	14284	1389	2258	4208600	124115	512	14030	4381096	2791	216	1298
56	4200448	4493	2990	2058	4393096	3519	1356	621	4202440	5798	511	2097	4213488	4901	213	2399
57	4202336	21254	2988	5933	4213488	4930	1319	2336	4213488	4979	511	2387	4381144	1539	207	1075
58	4207600	34713	2896	3111	4401576	1983	1319	786	4205464	2496	508	1414	4434672	1922	205	1746
59	4207728	9940	2886	1325	4371488	1492	1315	163	4208656	52310	507	6206	4393040	808	198	613
60	4202232	27798	2842	6130	4203080	5235	1308	2120	4483088	1300	507	222	4553088	39763	196	7277
61	4497192	5413	2780	878	4205464	2531	1258	1398	4202736	2102	499	674	4208192	5216	192	1001
62	4393096	3672	2726	709	4380760	2860	1197	357	4382224	1436	489	1098	4203080	5134	189	2144
63	4213160	8325	2722	3151	4637040	161560	1189	38227	4386224	1774	485	1376	4202976	11193	179	2482
64	4583072	9070	2632	1152	4381144	1566	1180	1095	4501144	3009	482	424	4554896	6073	177	2334
Total L1 Misses	6958424			Total L1 Misses	6888649			Total L1 Misses	6891342			Total L1 Misses	6884383			Total L1 Misses
Total L2 Misses	984264			Total L2 Misses	409630			Total L2 Misses	164500			Total L2 Misses	71531			Total L2 Misses
Total EAs	10516			Total EAs	10500			Total EAs	10529			Total EAs	10503			Total EAs
Total EAs (Miss)	5854			Total EAs (Miss)	5758			Total EAs (Miss)	5882			Total EAs (Miss)	5813			Total EAs (Miss)
Total EAs (Hit)	4662			Total EAs (Hit)	4742			Total EAs (Hit)	4647			Total EAs (Hit)	4690			Total EAs (Hit)
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA
Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA
Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA
Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4715856	24616	18792	12449	4715856	24619	18922	12460	4715184	20975	9691	11777	4715856	24667	5870	13193
2	4715768	24088	18404	12831	4715768	24053	18545	12927	4715768	24124	8727	13291	4715768	24127	4676	13380
3	4715184	20461	12732	11366	4715184	20735	13058	11520	4715856	24649	6844	13004	4621360	15377	4569	4620
4	4637008	21926	10703	7361	4422424	13508	9062	1971	4621360	15479	6315	4257	4715184	20988	3455	11904
5	4422424	13506	9307	2076	4637008	21806	8914	7290	4422496	12916	3584	1957	4213208	3011	1258	2729
6	4635920	20730	8097	6370	4422496	13042	8349	1973	4715144	9249	2795	5591	4715144	9230	1068	5724
7	4621360	15533	7630	3954	4621360	15515	7666	3912	4206312	7897	2683	5569	4206312	7748	1029	5505
8	4206312	7763	7296	5455	4206312	7807	7113	5521	4212728	4912	2103	4112	4635920	20532	957	6505
9	4422496	13048	6835	2104	4635920	20621	5866	6364	4635920	20487	2101	6458	4202688	1511	930	1344
10	4637528	10337	5075	3827	4637528	10337	5075	3827	4202336	2259	1755	1982	4589832	1508	853	1307
11	4212728	4982	4312	4139	4213208	2934	1583	2650	4201736	9667	823	4124
12	4212728	4919	4374	4092	4201736	9694	4292	4160	4213104	3344	1558	3070	4381832	4412	765	3532
13	4208600	11491	4213	3040	4715144	9482	3616	5401	4201736	9708	1381	4193	4213104	3352	752	3066
14	4636824	10162	4160	3755	4594424	4629	3411	1037	4584136	3178	1312	659	4202336	2167	748	1914
15	4637040	15187	3850	10043	4213104	3372	3215	3056	4715800	3334	1242	1860	4212728	4969	747	4193
16	4715144	9773	3803	5561	4554896	5523	3057	1895	4589832	1594	1224	1396	4637008	21642	732	7137
17	4594424	4596	3385	1044	4381832	4389	3002	3617	4202688	1493	1202	1338	4718608	3435	702	1786
18	4208152	6507	3345	1508	4497288	5405	2971	1137	4422424	13400	1182	1931	4307672	3455	614	340
19	4497288	5487	3317	1125	4213208	3061	2943	2745	4213160	2516	1108	2371	4719456	2863	514	1618
20	4213104	3369	3233	3067	4636824	10063	2861	3665	4718608	3451	1065	1797	4200200	1536	499	1451
21	4381832	4472	3213	3611	4208152	6546	2611	1520	4637008	21690	1046	7098	4637528	10309	486	3959
22	4554896	5510	3200	1920	4213160	2556	2369	2385	4381832	4369	1030	3570	4206344	1212	475	821
23	4213208	2999	2876	2706	4497192	7159	2312	984	4307648	3453	1024	336	4386224	1109	405	902
24	4497192	7153	2621	943	4202336	2239	2112	1967	4200200	1507	1016	1424	4213160	2558	399	2409
25	4213160	2544	2380	2382	4202440	3390	2035	1854	4390976	1835	991	291	4489624	475	399	466
26	4635952	9431	2260	6489	4718608	3584	2021	1841	4637040	15164	969	9867	4548656	1484	395	1148
27	4413976	5633	2153	791	4506440	2303	1949	333	4548656	1526	942	1187	4213696	1629	386	1019
28	4202440	3322	2114	1807	4413976	5628	1887	762	4637528	10426	940	4138	4202440	3450	378	1876
29	4202336	2147	2036	1921	4208600	11530	1828	3012	4206344	1227	852	824	4207648	2279	371	1777
30	4718608	3532	1982	1841	4374768	2102	1784	371	4594424	4542	811	1030	4590496	783	365	761
31	4393096	3697	1976	758	4207648	2296	1744	1765	4719456	2877	800	1615	4589328	897	351	842
32	4506440	2306	1915	356	4307648	3444	1731	288	4553296	2477	724	1812	4715800	3336	348	1898
33	4207648	2267	1826	1780	4375200	1748	1724	518	4635952	9280	715	6380	4435248	428	340	426
34	4374768	2116	1802	382	4400576	4011	1715	427	4477920	852	710	56	4307648	3453	337	346
35	4375200	1773	1755	545	4307672	3457	1715	293	4381872	1687	637	1250	4437288	765	326	750
36	4307648	3439	1719	292	4715800	3337	1698	1795	4207648	2195	628	1740	4381872	1669	313	1259
37	4307672	3454	1716	296	4372344	2023	1626	272	4380760	1190	607	98	4208600	11459	307	2926
38	4584136	3203	1714	708	4393064	2251	1559	333	4636824	10103	538	3748	4719688	1589	280	909
39	4413952	2703	1709	455	4413952	2710	1558	474	4381248	669	495	599	4719000	1783	269	970
40	4715800	3335	1678	1794	4584136	3161	1543	665	4307672	3453	485	355	4206368	723	266	591
41	4393240	2686	1668	756	4719456	2911	1536	1601	4203336	1701	479	894	4553128	2172	262	1283
42	4400576	4042	1654	468	4393096	3593	1529	704	4386224	1127	458	911	4422424	13463	257	1897
43	4635272	6459	1645	5406	4548656	1525	1477	1177	4213488	1405	438	1215	4208656	2042	255	1102
44	4372344	2024	1626	277	4637040	15154	1454	9969	4202736	1186	433	309	4556080	587	255	567
45	4203336	1776	1606	920	4202688	1557	1450	1407	4437688	514	432	91	4553296	2471	253	1775
46	4208096	2598	1565	714	4381096	2348	1389	1065	4404624	2872	421	802	4382224	613	253	497
47	4634696	5023	1546	3888	4553128	2177	1379	1317	4393064	2147	420	295	4635952	9433	246	6508
48	4719456	2883	1511	1579	4200200	1498	1334	1421	4205464	1439	412	826	4590440	670	245	613
49	4207704	1874	1504	129	4213696	1607	1288	973	4202440	3362	404	1822	4213584	1656	242	800
50	4393064	2305	1486	345	4376088	1316	1268	627	4489624	531	404	506	4211632	597	221	500
51	4213696	1584	1473	978	4213488	1404	1238	1192	4553128	2134	400	1291	4212184	875	217	651
52	4553128	2161	1462	1291	4553296	2534	1216	1837	4435248	424	394	418	4636824	10058	192	3712
53	4548656	1528	1455	1181	4381144	1674	1184	1054	4595680	1124	391	313	4213488	1394	184	1194
54	4390976	1837	1424	336	4203336	1713	1181	907	4382224	634	390	520	4393040	689	175	532
55	4200200	1575	1422	1512	4380760	1184	1181	106	4589328	910	388	855	4202840	889	171	557
56	4381096	2387	1413	1073	4381872	1742	1175	1305	4213696	1610	383	979	4621488	551	166	232
57	4213584	1652	1413	810	4371488	1311	1166	151	4208600	11432	381	2938	4548552	492	163	254
58	4202688	1499	1408	1354	4390976	1803	1125	329	4207024	1318	374	559	4202232	435	162	336
59	4637192	7791	1364	5891	4208096	2602	1055	708	4582368	845	365	117	4213528	971	159	425
60	4637224	6708	1351	4226	4205464	1487	1008	835	4401576	875	357	289	4381248	651	156	588
61	4205464	1451	1335	842	4589224	3144	1006	812	4548552	469	352	235	4381096	2345	154	1069
62	4635432	6274	1320	5196	4393240	2640	1000	665	4202840	896	343	574	4202976	587	154	431
63	4553296	2524	1294	1828	4213584	1593	997	793	4375200	1777	338	522	4444200	265	142	264
64	4589224	3211	1291	955	4364552	1038	989	384	4212184	859	334	640	4381144	1668	141	1039
Total L1 Misses	894990			Total L1 Misses	892588			Total L1 Misses	890468			Total L1 Misses				
Total L2 Misses	361591			Total L2 Misses	127102			Total L2 Misses	59788			Total L2 Misses				
Total EAs	10490			Total EAs	10518			Total EAs	10502			Total EAs				
Total EAs (Miss)	3924			Total EAs (Miss)	3990			Total EAs (Miss)	3936			Total EAs (Miss)				
Total EAs (Hit)	6566			Total EAs (Hit)	6528			Total EAs (Hit)	6566			Total EAs (Hit)				
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA				
Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA				
Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA				
Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA				

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4248616	67586	2252	5930	4467168	784	725	784	4467168	754	694	754	4467168	754	694	754	4248616	67585	2105	5576	4467168	774	702	774	4467168	768	698	768	4467168	765	697	765
2	4275080	79226	1352	1855	4248616	67584	614	3644	4467136	1288	312	1288	4248616	67584	496	3163	4275536	20842	1271	316	4248616	67584	610	3643	4467136	1270	295	1270	4248616	67584	495	3106
3	4275536	17559	1064	370	4275080	81009	449	1832	4275080	79852	160	1879	4467136	1288	312	1288	4275080	84214	1244	1482	4275080	82157	445	1507	4275080	84087	157	1498	4467136	1276	298	1276
4	4381776	53554	1015	1100	4467136	1259	287	1259	4248616	67584	97	2526	4275080	80162	280	1883	4467168	815	752	815	4467136	1268	292	1268	4248616	67584	91	2477	4275080	86032	283	1471
5	4284208	41338	987	266	4381776	53907	103	1130	4467152	58	51	58	4275536	17572	51	379	4467136	1235	253	1235	4381760	10329	107	797	4467152	70	64	70	4275536	22235	73	318
6	4212824	839013	801	291	4381760	20513	101	1318	4323680	4306	48	290	4467152	58	51	58	4212824	455	246	53	4381776	9872	101	743	4323680	1231	48	226	4467152	67	62	67
7	4467168	770	713	770	4323680	4307	85	291	4467216	83	43	83	4467216	83	43	83	4381776	8924	142	780	4275536	19795	97	310	4467216	83	43	83	4467216	82	43	82
8	4467136	1281	303	1281	4398512	142	78	142	4381968	74	37	74	4275568	9053	38	243	4381760	9373	134	864	4323680	1235	85	225	4275536	21772	34	312	4381968	69	31	69
9	4275568	9133	210	274	4370752	9748	68	953	4275536	18102	24	371	4381968	74	37	74	4323680	1234	87	228	4398512	142	78	142	4381968	69	31	69	4414584	34	23	34
10	4370752	8454	161	912	4275536	17658	63	373	4414584	34	23	34	4414584	34	23	34	4398512	142	78	142	4467152	69	64	69	4414584	34	23	34	4217656	67	20	63
11	4381760	20484	135	1271	4275568	9166	50	270	4217656	74	16	70	4217656	76	21	70	4370752	5571	73	556	4370752	4719	58	519	4398512	141	15	141	4275568	3957	17	94
12	4323680	4304	86	289	4467152	57	45	57	4398512	142	15	142	4427440	17	10	16	4284080	104	61	9	4467216	83	44	83	4217656	62	14	58	4385648	32	11	31
13	4398512	142	78	142	4467216	84	43	84	4275568	8692	12	258	4323680	4306	9	289	4278632	62	57	1	4376176	90	39	90	4323504	15636	9	333	4323680	1236	9	229
14	4284080	19263	75	377	4376176	90	38	89	4370752	7042	11	896	4385648	30	9	29	4275568	4458	52	93	4385424	73	36	73	4370752	4609	9	503	4385432	22	9	19
15	4278632	63	54	1	4381968	74	37	74	4323504	32889	10	560	4385432	23	9	20	4467152	56	51	56	4372136	7615	32	217	4385648	29	9	28	4324576	234	8	95
16	4467216	83	43	83	4385424	75	36	74	4427440	19	9	18	4370752	6696	8	888	4467216	83	43	83	4381968	69	31	69	4324576	1210	8	96	4418720	10	8	10
17	4376176	94	41	94	4217656	74	31	70	4324576	2355	8	119	4324576	2353	8	120	4372424	18467	40	273	4217656	64	29	59	4385432	22	7	19	4255544	31	7	31
18	4467152	51	41	51	4372136	79748	24	662	4418720	41	8	29	4418720	42	8	23	4376176	89	39	89	4275568	5395	27	94	4374720	9813	6	114	4427440	11	7	10
19	4372136	76884	39	666	4323504	32229	24	558	4385648	27	8	25	4255544	35	7	33	4385424	73	36	73	4323504	15617	24	309	4418720	10	6	10	4374720	10313	6	104
20	4381968	74	37	74	4372424	106118	23	835	4374720	408613	7	734	4374720	408831	6	744	4323504	15612	32	343	4414584	34	23	34	4427440	10	6	9	4370752	4604	5	511
21	4385424	75	36	74	4414584	34	23	34	4385432	23	7	20	4277992	42062	5	204	4381968	69	31	69	4372424	17380	15	262	4275568	6390	5	86	4277992	4562	5	74
22	4372424	104018	34	857	4324576	2319	17	121	4275448	4256	6	76	4275448	4567	5	94	4217656	61	29	60	4324576	234	15	89	4277992	4563	5	76	4255880	9	5	9
23	4323504	32312	32	566	4385432	24	13	21	4277992	42127	5	199	4255880	9	5	9	4372136	6639	28	189	4385432	21	13	19	4255880	9	5	9	4281696	3143	4	25
24	4217656	74	32	69	4371016	98644	12	639	4255880	9	5	9	4281696	12234	4	57	4284208	1028	25	16	4381744	7584	12	209	4281696	3141	4	25	4467184	13	4	13
25	4275448	4317	28	89	4381744	11288	12	361	4281696	12232	4	53	4467184	21	4	21	4381744	7585	24	216	4371016	7992	11	187	4467184	14	4	14	4256104	8	4	8
26	4371016	98775	25	638	4275448	4578	12	90	4467184	21	4	21	4256104	8	4	8	4414584	34	23	34	4385648	31	11	30	4217712	9	4	9	4372864	2048	3	34
27	4414584	34	23	34	4418720	41	12	29	4256104	8	4	8	4427456	4	4	4	4324576	274	20	104	4376280	14	11	14	4256104	8	4	8	4217312	8	3	8
28	4284240	3276	22	74	4376280	20	12	20	4427456	4	4	4	4372424	102796	3	828	4374720	9818	15	122	4418720	12	10	12	4479728	5	4	5	4216952	5	3	4
29	4381744	11268	21	333	4385648	27	9	26	4370832	12	3	12	4372864	3808	3	148	4371016	8000	12	181	4374720	10823	9	111	4284208	69	3	10	4407304	5	3	5
30	4324576	2369	18	124	4420840	14	8	5	4217312	11	3	10	4370832	20	3	12	4281696	3140	12	25	4370512	141	8	82	4217312	8	3	8	4427456	3	3	3
31	4372000	51767	16	389	4374720	410774	7	738	4407304	8	3	8	4217312	11	3	10	4385432	21	12	19	4420840	10	8	5	4216952	5	3	4	4372424	17952	2	265
32	4255544	44	14	41	4370640	886	7	162	4216952	6	3	4	4407304	7	3	7	4385648	32	11	31	4427440	10	8	9	4407304	5	3	5	4372136	9564	2	209
33	4281696	12240	13	56	4255544	41	7	39	4385552	5	3	5	4216952	6	3	4	4376280	14	11	14	4212824	455	7	57	4385552	3	3	3	4371016	7510	2	189
34	4385432	23	13	19	4427440	19	7	17	4479728	4	3	4	4385552	3	3	3	4284240	11	10	3	4255544	32	7	32	4275448	2064	2	12	4370528	1151	2	48
35	4277992	42035	10	216	4407304	13	7	13	4371120	10059	2	192	4371016	97473	2	593	4372000	5480	9	114	4407304	12	6	12	4370528	178	2	51	4284080	1055	2	13
36	4427440	25	10	16	4370512	4791	6	167	4370528	1823	2	100	4372136	79512	2	666	4372864	2069	9	45	4432960	7	6	1	4370688	30	2	15	4370688	493	2	13
37	4374720	409414	9	764	4216952	7	6	4	4348464	1095	2	15	4371792	40816	2	25	4255544	28	9	27	4216952	6	6	4	4284848	21	2	12	4372744	93	2	28
38	4370640	370	9	171	4277992	42073	5	201	4370688	1063	2	56	4371120	10090	2	209	4418720	12	9	12	4277992	4566	5	75	4421976	13	2	12	4284208	70	2	11
39	4385648	28	9	27	4432960	281	5	1	4370640	472	2	163	4370528	2845	2	105	4370512	141	8	71	4370640	1120	5	91	4420840	10	2	5	4284848	29	2	14
40	4376280	18	9	18	4421976	24	5	18	4421976	24	2	17	4348464	1096	2	16	4427440	10	8	9	4421976	13	5	12	4329584	5	2	5	4421976	13	2	13
41	4370512	4181	8	167	4418928	17	5	9	4420840	13	2	5	4421976	24	2	18	4217712	11	7	11	4255880	9	5	9	4438552	5	2	5	4420840	10	2	5
42	4418720	39	8	24	4479976	14	5	6	4418928	11	2	6	4420840	13	2	5	4277992	4566	6	77	4419920	8	5	6	4427568	4	2	4	4217712	5	2	5
43	4372864	3477	7	154	4217312	11	5	11	4329584	11	2	7	4217712	6	2	4	4324760	109	6	26	4217712	8	5	7	4449896	4	2	4	4438552	5	2	5
44	4420840	13	6	5	4419920	9	5	7	4217712	9	2	9	4438552	5	2	5	4466800	44	6	8	4217312	7	5	7	4418848	3	2	3	4427568	4	2	4
45	4216952	8	6	4	4255880	9	5	9	4438552	5	2	5	4449896	4	2	4	4420840	10	6	5	4419552	6	5	1	4390192	2	2	2	4449896	4	2	4
46	4284864	2432	5	61	4419552	7	5	1	4449896	4	2	4	4397040	3	2	3	4217312	8	6	8	4479976	5	5	5	4427456	2	2	2	4215680	3	2	1
47	4338608	1235	5	563	4281696	12216	4	55	4419280	3	2	3	4215680	3	2	1	4370640	1087	5	74	4275192	5384	4	27	4371544	240	1	28	4413360	3	2	1
48	4324720	1161	5	41	4372864	3621	4	138	4397040	3	2	3	4413360	3	2	1	4326864	14	5	14	4281696	3140	4	23	4376712	221	1	221	4390192	2	2	2
49	4432960	83	5	1	4370784	64	4	51	4390192	2	2	2	4419280	3	2	3	4467184	14	5	14	4381152	1073	4	1	4370512	155	1	75	4385552	2	2	2
50	4466800	43	5	8	4467184	21	4	21	4390776	2	2	1	4390776	2	2	1	4421976	13	5	12	4256104	8	4	8	4371120	128	1	14	4400280	2	2	1
51	4421976	24	5	19	4381120	9	4	1	4371792	40891	1	23	4390192	2	2	2	4255880	9	5	9	4418096	7	4	1	4324528	96	1	1	4372000	4038	1	106
52	4326864	14	5	14	4420680	9	4	1	4275352	35167	1	220	4433016	2	2	1	4432960	7	5	1	4420680	6	4	1	4376176	88	1	88	4275448	2067	1	13
53	4217312	9	5	5	4256104	8	4	8	4371544	13994	1	115	4400280	2	2	1	4329584	7	5	5	4479728	5	4	5	4348464	70	1	9	4370512	1125	1	71
54	4255880	9	5	9	4217712	7	4	6	4324368	9925	1	76	4212824	839120	1	295	4418096	6	5	1	4427456	4	4	4	4372584	67	1	18	4370920	1026	1	16
55	4427456	5	5	5	4427456	4	4	4	4275336	9632	1	45	4372000	48809	1	377	4216952	5	5	4	4372000	5545	3	112	4348232	66	1	1	4275896	551	1	23
56	4418096	455	4	1	4372000	49507	3	357	4275912	7125	1	40	4323504	32824	1	566	4323376	1024	4	26	4372864	2996	3	33	4371032	66	1	1	4371544	263	1	26
57	4323376	229	4	224	4370528	2779	3	103	4324528	5313	1	1	4371544	13971	1	107	4370688	962	4	16	4284592	1203	3	28	4278632	62	1	1	4376712	218	1	218
58	4467184	19	4	19	4381152	1226	3	1	4371032	4284	1	1	4348064	12280	1	221	4381224	55	4	1	4323376	1025	3	27	4371792	56	1	15	4371120	110	1	9
59	4479976	14	4	6	4418096	591	3	1	4370512	3921	1	158	4275336	9629	1	34	4256104	8	4	8	4466800	44	3	8	4275912	52	1	15	4324528	96	1	1
60	4381120	13	4	1	4323376	238	3	231	4372864	3743	1	159	4324368	9571	1	69	4381120	8	4	1	4370688	14	3	12	4370896	48	1	9	4376176	86	1	86
61	4418928	11	4	6	4466800	43	3	8	4348232	3705	1	1	4275920	8496	1	78	4419920	8	4	6	4404104	9	3	1	4466800	44	1	8	4371792	78	1	13
62	4407304	10	4	9	4404104	9	3	1	4284240	3046	1	81	4324528	5272	1	1	4419552	6	4	1	4370832	8	3	7	4326864	15	1	15	4348464	68	1	10
63	4419920	9	4	7	4418848	5	3	5	4284864	1958	1	48	4370512	4851	1	160	4407304	6	4	6	4418928	6	3	6	4348064	9	1	3	4371032	66	1	1
64	4256104	8	4	8	4479728	4	3	4	4371208	1736	1	54	4348232	4703	1	1	4479976	5	4	5	4381120	6	3	1	4404104	9	1	1	4348232	66	1	1
Total L1 Misses	3180421			Total L1 Misses	3193152			Total L1 Misses	3166871			Total L1 Misses	3179629			Total L1 Misses	318688			Total L1 Misses	315413			Total L1 Misses	323451			Total L1 Misses	323599		
Total L2 Misses	10255			Total L2 Misses	3402			Total L2 Misses	1763			Total L2 Misses	2299			Total L2 Misses	7493			Total L2 Misses	3382			Total L2 Misses	1729			Total L2 Misses	2276		
Total EAs	2467			Total EAs	2452			Total EAs	2456			Total EAs	2452			Total EAs	2423			Total EAs	2417			Total EAs	2422			Total EAs	2428		
Total EAs (Miss)	656			Total EAs (Miss)	656			Total EAs (Miss)	644			Total EAs (Miss)	646			Total EAs (Miss)	422			Total EAs (Miss)	417			Total EAs (Miss)	427			Total EAs (Miss)	424		
Total EAs (Hit)	1811			Total EAs (Hit)	1796			Total EAs (Hit)	1812			Total EAs (Hit)	1806			Total EAs (Hit)	2001			Total EAs (Hit)	2000			Total EAs (Hit)	1995			Total EAs (Hit)	2004		
Only 1 EA	4			Only 1 EA	7			Only 1 EA	4			Only 1 EA	7			Only 1 EA	6			Only 1 EA	7			Only 1 EA	5			Only 1 EA	6		
Only 2 EA	4			Only 2 EA	7			Only 2 EA	5			Only 2 EA	8			Only 2 EA	6			Only 2 EA	7			Only 2 EA	7			Only 2 EA	8		
Only 3 EA	4			Only 3 EA	7			Only 3 EA	7			Only 3 EA	11			Only 3 EA	7			Only 3 EA	7			Only 3 EA	10			Only 3 EA	9		
Only 4 EA	5			Only 4 EA	10			Only 4 EA	11			Only 4 EA	15			Only 4 EA	8			Only 4 EA	9			Only 4 EA	13			Only 4 EA	12		

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4248616	21378	1799	4087	4467168	744	673	744	4467168	766	699	766	4467168	765	699	765
2	4275080	44318	1285	1417	4248616	21391	630	3670	4467136	1287	305	1287	4248616	21357	495	3431
3	4381776	2325	1135	552	4275080	44330	456	1379	4275080	43499	158	1442	4467136	1288	306	1288
4	4467168	752	681	752	4467136	1306	326	1306	4248616	21375	92	3057	4275080	44332	281	1426
5	4467136	1300	323	1300	4381760	1629	112	622	4467152	59	52	59	4275536	9790	74	310
6	4275536	10275	290	312	4381776	2329	108	558	4323680	232	48	230	4467152	59	51	59
7	4212824	1912	175	107	4275536	8830	97	308	4467216	83	44	83	4467216	83	44	83
8	4381760	1645	134	635	4323680	230	85	228	4275536	9852	36	308	4381968	69	31	69
9	4323680	230	86	229	4398512	142	78	142	4381968	69	31	69	4414584	34	23	34
10	4398512	142	78	142	4467152	64	58	64	4414584	34	23	34	4217656	63	18	60
11	4284080	8431	63	115	4370752	3342	44	516	4217656	66	16	64	4275568	1419	16	79
12	4370752	2581	62	472	4467216	84	44	84	4398512	142	15	142	4385648	32	11	31
13	4467152	60	52	60	4376176	89	39	89	4385648	29	11	28	4323680	230	9	230
14	4467216	84	44	84	4385424	71	36	71	4323504	18379	8	293	4385432	23	9	19
15	4278632	63	43	1	4381968	69	31	69	4324576	210	8	90	4324576	210	8	95
16	4376176	89	40	89	4217656	64	29	60	4370752	2629	7	513	4418720	36	8	25
17	4372424	31170	36	273	4323504	18600	24	290	4418720	38	7	27	4255544	21	8	21
18	4385424	71	36	71	4275568	1407	24	80	4385432	23	7	21	4427440	18	7	16
19	4372136	16459	34	175	4414584	34	23	34	4427440	16	7	16	4370752	3587	6	503
20	4284240	2097	34	19	4372424	32234	22	235	4374720	546	6	69	4374720	547	6	71
21	4323504	18353	33	300	4372136	17861	22	191	4277992	12996	5	118	4277992	12996	5	121
22	4381968	69	31	69	4374720	546	15	66	4275568	1423	5	86	4217712	10	5	9
23	4217656	64	31	61	4381744	7482	13	176	4255880	9	5	9	4255880	9	5	9
24	4371016	33952	26	233	4385432	23	13	21	4281696	11257	4	40	4281696	11263	4	38
25	4275568	1431	26	77	4324576	226	12	99	4467184	8	4	8	4372864	3080	4	51
26	4381744	7482	23	169	4385648	34	12	33	4256104	8	4	8	4467184	8	4	8
27	4414584	34	23	34	4371016	34996	11	227	4479728	4	4	4	4256104	8	4	8
28	4324576	215	20	101	4376280	13	11	13	4217312	13	3	10	4372424	31599	3	253
29	4284208	21	19	12	4372000	7507	10	85	4407304	12	3	11	4407304	10	3	7
30	4374720	546	18	83	4418720	35	10	26	4329584	5	3	4	4217312	10	3	10
31	4372000	9477	16	104	4255544	21	8	21	4216952	4	3	4	4216952	7	3	4
32	4281696	11259	13	38	4427440	18	8	16	4348464	1068	2	11	4371016	34939	2	227
33	4385432	23	13	20	4420840	9	8	5	4370528	144	2	52	4348464	1068	2	10
34	4277992	12998	11	122	4370512	134	7	75	4370512	124	2	65	4284864	1061	2	34
35	4418720	35	11	25	4407304	11	7	11	4275448	76	2	11	4370528	139	2	49
36	4385648	30	11	29	4217712	9	6	8	4284208	26	2	11	4371120	138	2	24
37	4255544	21	11	21	4216952	7	6	4	4370688	11	2	10	4370512	126	2	68
38	4376280	13	10	13	4432960	6	6	1	4421976	11	2	10	4421976	11	2	11
39	4427440	19	8	18	4479976	6	6	6	4420840	9	2	5	4370688	11	2	10
40	4420840	9	8	5	4277992	12999	5	128	4217712	7	2	6	4420840	9	2	5
41	4466800	16	7	8	4281696	11260	5	38	4418928	6	2	4	4438552	5	2	5
42	4407304	14	7	14	4372864	3059	5	49	4438552	5	2	5	4448896	4	2	4
43	4372864	3096	6	59	4370528	141	5	56	4418784	4	2	4	4215680	3	2	1
44	4370920	1078	6	14	4466800	16	5	8	4385552	4	2	4	4413360	3	2	1
45	4216952	7	6	4	4421976	11	5	10	4448896	4	2	4	4427456	3	2	3
46	4432960	6	6	1	4217312	10	5	10	4390776	2	2	1	4390776	2	2	1
47	4338608	464	5	279	4255880	9	5	9	4390192	2	2	2	4390192	2	2	2
48	4370512	136	5	62	4419920	9	5	7	4418848	2	2	2	4400280	2	2	1
49	4324760	105	5	26	4419552	5	5	1	4348064	7388	1	74	4385552	2	2	2
50	4418096	42	5	1	4418096	40	4	1	4275904	5262	1	39	4323504	18355	1	288
51	4326864	14	5	14	4256104	8	4	8	4324528	5080	1	1	4372136	16067	1	199
52	4421976	11	5	10	4418928	8	4	7	4277912	5008	1	25	4275920	11105	1	60
53	4217312	10	5	10	4370832	7	4	7	4371544	4824	1	75	4284080	9439	1	115
54	4217712	9	5	8	4420680	5	4	1	4348232	3066	1	1	4372000	7467	1	97
55	4255880	9	5	9	4381120	5	4	1	4372864	3061	1	50	4275904	7268	1	84
56	4348400	5	5	1	4427456	4	4	4	4376712	185	1	185	4324528	5080	1	1
57	4479976	5	5	5	4275192	38262	3	53	4370920	168	1	18	4371544	4801	1	74
58	4419552	5	5	1	4284080	8696	3	112	4284864	131	1	34	4348232	3062	1	1
59	4370528	149	4	51	4275656	1986	3	9	4371232	127	1	18	4275656	1006	1	7
60	4370640	97	4	67	4381152	1047	3	1	4371792	105	1	19	4376712	185	1	185
61	4323376	55	4	51	4370640	104	3	69	4376176	89	1	89	4371792	89	1	15
62	4372584	29	4	20	4275448	76	3	11	4371032	86	1	1	4376176	89	1	89
63	4419920	9	4	7	4323376	55	3	51	4278632	63	1	1	4371032	85	1	1
64	4467184	8	4	8	4404104	9	3	1	4418096	42	1	1	4275448	73	1	9
Total L1 Misses	479105				473861				477032				479500			
Total L2 Misses	7198				3429				1735				2276			
Total EAs	2435				2418				2422				2426			
Total EAs (Miss)	483				485				492				483			
Total EAs (Hit)	1952				1933				1930				1943			
Only 1 EA	5				7				6				7			
Only 2 EA	5				7				8				9			
Only 3 EA	5				7				8				10			
Only 4 EA	6				9				15				12			

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4248616	53140	1986	6748	4467168	728	666	728	4467168	752	690	752	4467168	751	690	751
2	4275080	8632	1203	1272	4248616	53092	610	5364	4467136	1304	313	1304	4248616	53164	494	4848
3	4467168	737	674	737	4275080	8635	457	1298	4275080	8637	158	1300	4467136	1305	314	1305
4	4275536	1765	329	282	4467136	1327	334	1327	4248616	53172	90	4182	4275080	8636	279	1285
5	4467136	1319	328	1319	4381760	1038	128	388	4467152	57	53	57	4275536	1772	74	285
6	4212824	454	246	68	4381776	873	126	355	4323680	217	48	213	4467152	57	52	57
7	4381760	1039	131	394	4275536	1767	102	288	4467216	85	45	85	4467216	85	45	85
8	4381776	866	128	357	4323680	219	85	217	4275536	1767	35	293	4381968	69	31	69
9	4323680	217	90	215	4398512	142	78	142	4381968	69	31	69	4414584	34	23	34
10	4398512	142	78	142	4467152	60	57	60	4414584	34	23	34	4217656	66	21	62
11	4370752	554	70	451	4370752	532	46	448	4217656	67	16	60	4275568	377	16	74
12	4284080	62	58	10	4467216	85	46	85	4398512	142	15	142	4385648	31	10	30
13	4278632	62	55	1	4376176	88	39	88	4385648	31	11	30	4418720	13	10	13
14	4467152	58	55	58	4385424	71	36	71	4323504	2182	9	209	4323680	218	9	215
15	4467216	86	46	86	4381968	69	31	69	4324576	202	8	82	4385432	20	9	17
16	4376176	87	38	87	4217656	65	30	59	4385432	20	7	18	4372424	1712	8	180
17	4372424	1496	36	175	4323504	2185	24	209	4418720	12	7	12	4324576	209	8	79
18	4385424	71	36	71	4372424	2063	24	194	4427440	10	7	10	4255544	25	8	25
19	4323504	2183	31	211	4372136	965	24	149	4370752	560	6	459	4374720	555	6	80
20	4381968	69	31	69	4275568	374	23	73	4374720	555	6	85	4427440	9	6	8
21	4372136	1510	30	136	4414584	34	23	34	4275568	382	6	77	4277992	466	5	50
22	4217656	65	30	62	4381744	406	18	123	4277992	466	5	48	4255880	9	5	9
23	4381744	406	28	128	4324576	205	15	80	4281696	138	5	18	4372136	1277	4	144
24	4275568	380	28	78	4371016	721	13	145	4255880	9	5	9	4370752	566	4	465
25	4374720	555	27	79	4385432	20	13	18	4256104	8	4	8	4281696	138	4	18
26	4324576	204	25	75	4374720	555	12	79	4217312	8	4	8	4256104	8	4	8
27	4414584	34	23	34	4418720	14	12	14	4467184	5	4	5	4467184	5	4	5
28	4284208	40	20	14	4376280	13	11	13	4216952	5	4	4	4371016	720	3	135
29	4385432	20	13	18	4385648	29	9	28	4479728	4	4	3	4372864	36	3	22
30	4371016	720	12	142	4255544	22	8	22	4420840	9	3	5	4217312	7	3	7
31	4376280	14	12	14	4420840	9	8	5	4407304	8	3	8	4216952	6	3	4
32	4281696	137	11	17	4466800	8	8	7	4418928	6	3	5	4407304	5	3	5
33	4385648	28	11	27	4212824	455	7	59	4427456	3	3	3	4385552	3	3	3
34	4418720	12	11	12	4370512	86	7	41	4284848	19	2	11	4284208	28	2	7
35	4277992	466	9	52	4427440	9	7	8	4421976	11	2	11	4284848	17	2	9
36	4372000	277	9	53	4372288	14	6	12	4370688	9	2	8	4421976	11	2	11
37	4372864	44	8	28	4421976	11	6	10	4479976	6	2	6	4420840	9	2	5
38	4407304	13	8	13	4407304	10	6	10	4217712	5	2	4	4370688	9	2	8
39	4427440	10	8	9	4217712	8	6	7	4438552	5	2	5	4418928	7	2	5
40	4420840	9	8	5	4479976	6	6	6	4449896	4	2	4	4217712	7	2	6
41	4370512	88	7	42	4432960	6	6	1	4329584	4	2	4	4438552	5	2	5
42	4326864	14	7	14	4216952	6	6	4	4418784	3	2	3	4449896	4	2	4
43	4466800	7	7	6	4277992	466	5	55	4390192	2	2	2	4215680	3	2	1
44	4284240	7	7	3	4255880	9	5	9	4385552	2	2	2	4413360	3	2	1
45	4324760	71	6	12	4217312	7	5	7	4371544	247	1	29	4390192	2	2	2
46	4255544	13	6	13	4419920	6	5	5	4370528	96	1	33	4427456	2	2	2
47	4421976	11	6	10	4419552	5	5	1	4376176	89	1	89	4400280	2	2	1
48	4217712	8	6	7	4281696	138	4	19	4370512	85	1	37	4323504	2183	1	213
49	4217312	8	6	8	4381152	61	4	1	4376712	80	1	80	4381744	406	1	127
50	4432960	6	6	1	4372864	43	4	26	4348232	66	1	1	4372000	275	1	64
51	4370528	101	5	37	4256104	8	4	8	4371032	66	1	1	4371544	243	1	29
52	4255880	9	5	9	4418096	6	4	1	4348464	66	1	7	4370528	100	1	36
53	4418096	6	5	1	4381120	5	4	1	4371792	64	1	14	4376176	89	1	89
54	4479976	6	5	6	4479728	5	4	5	4278632	62	1	1	4370512	83	1	38
55	4419920	6	5	5	4418928	5	4	5	4284864	47	1	20	4376712	80	1	80
56	4419552	5	5	1	4420680	4	4	1	4372584	45	1	7	4348232	66	1	1
57	4216952	5	5	4	4372000	257	3	58	4284208	35	1	6	4348464	66	1	8
58	4348464	67	4	10	4284592	135	3	25	4371208	26	1	9	4371032	66	1	1
59	4381224	54	4	1	4370528	97	3	33	4324528	25	1	1	4275448	65	1	9
60	4370640	44	4	43	4275448	70	3	13	4326864	15	1	15	4275336	62	1	7
61	4284848	15	4	8	4370640	56	3	50	4467200	8	1	8	4278632	62	1	1
62	4348064	11	4	3	4323376	9	3	7	4348064	8	1	2	4371792	61	1	14
63	4372288	10	4	9	4404104	8	3	1	4404104	8	1	1	4249672	59	1	1
64	4323376	9	4	7	4348296	7	3	5	4418096	7	1	1	4372744	52	1	22
Total L1 Misses	82302				82335				82446				82384			
Total L2 Misses	6363				3457				1731				2275			
Total EAs	2419				2412				2421				2414			
Total EAs (Miss)	365				356				367				367			
Total EAs (Hit)	2054				2056				2054				2047			
Only 1 EA	5				7				6				7			
Only 2 EA	5				7				9				9			
Only 3 EA	7				7				12				10			
Only 4 EA	8				8				16				12			

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	5292024	567456	54004	130050	6056872	30466	18122	28937	5501080	647	4.295E+09	592	5511416	18086	8763	16276	5292024	384514	34324	99054	6056872	29532	17907	28025	5560984	42	4.295E+09	14	5511416	9445	7173	9355
2	5047880	50755	28283	885	5070064	81905	17087	73117	5499608	500	4.295E+09	317	5095512	20475	2970	19906	5047880	42610	26272	502	5070064	79355	17188	70605	5561128	4.29E+09	4.295E+09	3	5095512	19804	2904	19219
3	5292032	269207	25243	71608	4196136	69432	16713	8801	5499824	2374	4.289E+09	2355	4196168	40379	2714	5581	4195664	62982	21256	6400	4196136	55338	16514	7804	5560776	4.25E+09	4.248E+09	6	4196168	44294	2709	5426
4	5286224	98871	22082	48871	5070072	93768	15575	76647	5500616	4.29E+09	4.289E+09	342	4196136	68347	2598	7957	4196464	50589	19640	7633	4212496	60647	16074	6241	5561176	4.1E+09	4.094E+09	19	4496184	8675	2584	4873
5	4195664	58573	20722	6751	4212496	79663	15521	7464	5503264	4.26E+09	4.259E+09	180	4496184	8627	2533	4858	5286224	76944	18560	37201	5070072	90698	15488	73702	5561288	4.03E+09	4.03E+09	3	4196136	54539	2583	6843
6	5353144	26754	20561	1	4296792	22846	14671	4811	5500384	4.03E+09	4.025E+09	402	4230080	9344	2197	9324	6056872	29698	18208	28216	4296792	23025	14597	4741	5560984	4.28E+09	4.008E+09	47	4230080	4455	2195	4434
7	4196464	74472	19849	9666	5078248	65178	14653	50014	5422232	2.15E+09	2.153E+09	11	6108576	21955	2142	4669	5070064	79213	17528	70629	5095512	19905	14558	19398	5047880	42543	19512	476	5694832	8121	2033	5167
8	5302904	96697	18471	24829	5095512	20544	14456	20036	5502840	2.7E+08	270150940	1462	4496088	10615	1923	5478	5388360	92438	17479	34417	5078248	47674	14272	39112	5511416	9619	7369	9535	4496088	10237	1930	5353
9	6056872	30566	18357	29143	6326960	210140	14000	9666	5496120	2.7E+08	269899498	391	4496120	8775	1897	4095	5388288	87752	17303	29719	5694136	60890	13681	51481	5095512	20012	5296	19442	4496120	8813	1856	3931
10	5292048	179037	18142	58786	5694136	63962	13557	54841	5047880	50788	20299	867	5303560	51906	1854	2890	5292032	172054	16926	47985	6326960	206490	13611	8601	4196136	54658	4524	7152	4296792	22927	1731	4149
11	5388360	89812	17268	36151	4195664	58520	12582	6773	5511416	18257	8796	16358	5694832	18892	1854	10115	4196168	44662	15910	6013	4196464	50454	12523	7470	5048664	14558	4243	383	4196960	44799	1699	4279
12	5070064	81904	17257	73300	5998744	31858	12409	30340	5095512	20524	5232	19998	5511544	3393	1848	2797	5070072	90611	15859	73693	5998744	30299	12419	28893	4196168	44264	4144	5580	6056872	29701	1650	28124
13	5388288	87650	16947	31230	4196168	41164	12234	6064	4196136	68747	4634	8144	4196960	61042	1760	4973	5383488	40456	15577	32786	4195664	62948	12080	6447	5331056	5293	3931	123	5303560	36846	1518	2019
14	5078248	65413	16301	50380	4196464	73905	12182	9533	5048664	26513	4583	571	4296792	22807	1739	4186	5078248	47403	15492	38677	4196168	44662	11978	5967	5063728	10591	3525	221	4196464	48836	1515	6600
15	5070072	93666	15982	76727	5277400	37038	11858	33130	4196168	40949	4174	5689	6056872	30517	1709	28902	5388632	57770	15226	42494	5277400	33364	11744	29984	5303560	37001	3512	2094	5511544	2414	1511	2029
16	5383632	56737	15394	42052	5099120	73227	11635	62271	5303560	51936	3733	3002	5511640	3417	1548	1919	5302904	48777	14880	12199	5383488	39659	11515	32877	4296792	23030	3496	4605	6108576	6195	1408	2139
17	5383488	39016	15362	32264	5383488	38142	11591	31913	4296792	22828	3555	4874	5355296	18029	1524	2518	5292048	127751	14657	40208	5099120	56259	11507	49583	4229264	26592	3388	1919	4195664	60876	1407	5420
18	4196168	41392	15115	6173	5383632	56643	11349	43020	4229264	28824	3530	2030	4196464	71865	1509	8475	5303296	39451	14400	793	5383632	57590	10975	43389	4496184	8661	3376	4883	4230536	11653	1333	2614
19	5372440	158988	14510	63289	5241592	39210	10925	35214	5063728	15932	3515	351	4195664	56924	1438	5750	4296792	23048	14351	4867	5241592	39781	10859	35697	4212528	41280	2860	4458	4501448	1557	1213	1277
20	4296792	22884	14339	5033	5078176	51815	10733	39866	4496184	8675	3325	4892	4230536	11998	1373	2761	5095512	19847	14104	19329	5078176	38052	10567	31865	4496120	8892	2566	3976	4212496	59282	1206	5303
21	5095512	20562	14082	20053	4212528	45661	10510	5698	5302904	97602	2859	23987	5084560	14104	1213	1879	5303560	37164	14076	2411	4212528	42218	10370	5152	6056872	29839	2387	28240	5511640	1724	1154	1421
22	5098824	134331	13950	71508	5098896	16774	9826	16143	4212528	44674	2858	4893	4501448	1782	1211	1345	4196960	45602	13915	4840	5098896	15687	9697	15082	5302904	49371	2324	11599	4212528	40637	1153	4335
23	5694136	64078	13806	54990	5099176	57732	9725	49692	4496120	8761	2602	4006	4212496	78037	1198	6384	5694136	61454	13822	51893	5099176	47522	9584	42023	4317944	4874	2211	870	5684848	8519	1145	1720
24	6326960	216322	13741	9895	5099464	46915	9339	39108	5331056	17055	2594	4055	4212528	44262	1185	4740	5372440	138568	13685	55972	5303560	37261	9234	2333	4230080	4436	2181	4424	4294872	7941	1124	2162
25	5303560	51834	13689	2938	5099200	45110	9207	37799	5355296	18381	2498	2723	5684848	13138	1178	2110	4196136	55665	13580	7796	5070016	54749	9149	51162	5694832	8037	2125	5118	5355296	9925	1056	1550
26	4196136	69698	13573	8922	5302904	97990	9168	24325	6056872	30553	2425	28907	6294872	14789	1171	3011	6326960	212119	13361	8784	5099464	43678	9110	36881	5078248	47319	2108	38384	5095792	19136	1044	16737
27	5099120	73615	13491	62842	5070016	56578	9121	52703	6108576	21548	2308	4415	5095792	23383	1164	19676	5099120	56471	13138	49881	5524688	15117	9023	14915	5095792	19122	2055	16717	4231056	4933	1008	2716
28	4196960	62578	13351	5554	5511416	18129	9010	16275	4230080	9394	2221	9369	5695800	1876	1129	1683	5098824	121871	12988	62280	5099200	38374	9022	32810	4496088	10360	2010	5352	4291840	6311	960	1099
29	4212528	46452	13085	5903	5242640	56503	8728	46672	4317944	5172	2208	847	4231056	5133	1003	2758	4212528	42922	12957	5445	5242640	56528	8568	46801	4195664	61515	1936	5605	5695000	1948	919	1266
30	5303296	56228	12633	1236	5383640	53798	8599	38907	5078248	64850	2207	49156	6016088	36292	997	20585	5378856	19012	12667	665	5383640	53131	8485	38205	4291840	6372	1929	1142	4196608	9925	882	2337
31	5378816	36910	12260	13136	5303560	52093	8492	3151	5095792	23337	2167	19604	4291840	6293	952	1176	5353144	14878	12453	1	5078160	64286	7791	58399	4196464	49255	1917	6824	6016088	23792	857	13764
32	5378856	25742	12164	822	5524688	15964	8359	15584	4496088	10670	2012	5417	4196608	11526	941	2533	5378816	32366	11890	11761	5302904	49213	7762	12018	4212496	59800	1855	5400	4212400	19416	838	1667
33	5998744	32012	11996	30522	5078160	80196	8023	70631	5694832	18798	1973	10075	5695000	2439	906	1461	5998744	30008	11686	28629	5245080	35472	7387	29252	5070064	82835	1807	73640	5745456	912	837	910
34	5078176	51708	11746	39449	5378912	62980	7746	636	5511544	3577	1948	2904	4196504	46470	876	3722	4212496	60365	11335	6496	5098824	122219	7345	61673	4212400	19591	1806	1743	4317944	4931	830	834
35	5277400	37104	11307	33249	5245080	39929	7471	32910	4195664	57219	1940	5912	4196664	2414	863	1113	5078176	38023	11298	31747	5707160	17115	7297	17033	5383632	58349	1780	44431	4196504	36679	810	2966
36	5301512	72629	11215	29957	5098824	133971	7391	70634	4291840	6283	1920	1107	5745456	1395	852	1315	5277400	33146	11250	29823	4196960	45456	7214	4813	4196960	45079	1729	4402	6299056	1991	790	1480
37	4212496	79750	11180	7749	5707160	17267	7318	17205	4196464	72520	1869	8633	5559320	1093	832	1014	5383640	53221	11013	37508	5511416	9109	7155	9031	5070072	90444	1698	73252	4196664	1918	782	946
38	5241592	39284	11075	35245	4196960	61983	7151	5582	4212496	78473	1838	6622	4212400	35676	829	2692	5241592	39776	10934	35694	5385808	46115	7001	36651	5078176	37417	1684	30865	5686248	16485	768	15974
39	5383640	53858	10976	38101	5385808	45411	7127	35959	5383632	57132	1823	43975	4317944	5137	813	814	5301512	59503	10437	23498	5098880	14372	6941	13488	5388360	92555	1676	32869	4229264	26358	767	1815
40	4229264	30702	10303	2439	5524104	22972	7042	21311	6016088	36241	1819	20650	6299056	2238	798	1594	4229264	28421	10053	2344	5378912	45742	6821	574	6016088	23770	1626	13820	5084560	9827	738	1127
41	5099176	57931	10173	50110	5098880	17300	6862	16296	5070064	85215	1803	75982	4229264	28625	781	1949	5099200	38551	9879	33234	5252480	53306	6720	45660	5511544	2521	1604	2139	4230544	9359	732	1473
42	5099200	45077	9917	38086	5383584	26573	6751	22147	4196960	61114	1795	5089	5686248	16651	778	16017	5099176	47456	9840	42132	5383584	27188	6702	22305	5383488	36436	1587	30332	5226000	1900	725	1294
43	5377920	79865	9867	42396	5942056	22806	6732	16979	5070072	93450	1775	76180	5226000	2934	743	1974	5099464	43747	9506	37133	5524104	23240	6692	21524	6115776	6542	1575	257	5095584	6054	717	6032
44	5355296	19327	9816	3107	5252480	52666	6687	45017	4212400	35856	1769	2741	4230544	10148	738	1642	5098896	15793	9457	15184	4496088	10914	6690	5148	6108576	6280	1573	2234	5070072	90351	692	72904
45	5048664	27078	9735	565	4496088	11190	6645	5308	5292032	265344	1755	61630	5070072	93651	733	75962	5070016	54818	9395	51261	5942056	19378	6675	14468	5998744	26810	1564	25609	5390104	774	688	703
46	5099464	46843	9694	39286	5263152	60268	6588	41452	5078176	51217	1754	38679	5390104	904	716	776	5084936	29321	9058	1498	4230536	12006	6474	2796	5388288	88153	1537	28689	4496136	6216	686	2399
47	5070016	56854	9326	53175	6327040	111208	6464	10137	5998744	28702	1642	27372	5095584	6660	692	6624	5383584	26818	8940	21642	5263152	49042	6339	35434	5355296	10106	1524	1683	4462808	683	666	683
48	5071424	43582	9209	24237	4230536	12235	6452	2991	5303112	43425	1639	10869	4462808	687	668	687	5383696	24828	8701	20051	4496184	9135	6150	4686	4196608	10019	1509	2432	6016600	7810	627	7584
49	5098896	16536	9202	15896	5378816	37159	6347	11721	5388360	89960	1632	34248	4496136	5986	655	2366	5242640	56737	8692	46890	5378816	33275	6116	10742	4231056	4913	1497	2641	5225600	1342	627	556
50	5084936	38835	9123	2177	5388360	89942	6225	34991	6115776	6298	1556	276	6160480	35754	654	2194	5524688	15120	8495	14901	5383696	25015	6061	20684	5524688	15232	1429	15042	6160480	32832	625	1886
51	5511416	17916	9043	16124	5383696	23797	6206	20259	4196608	11780	1545	2570	5078248	64545	641	49010	6094200	16759	8481	1	5242152	35018	6022	32192	5630512	14130	1411	515	5078248	46957	624	37906
52	5242640	56229	8922	46538	5084560	14818	6140	2322	5383488	35083	1536	29534	5389544	17131	636	712	5048664	14839	8425	379	6327040	118324	5996	9164	4230536	11751	1398	2583	6208896	1775	609	593
53	5383584	26216	8846	21360	5242152	37200	6075	34786	5388288	87649	1529	29927	6016600	8406	626	8237	5331136	42989	8369	671	5388360	92553	5983	33419	5383640	53265	1372	38706	5225744	1483	606	682
54	5078160	80236	8691	70663	4496184	9074	6066	4686	4231056	5196	1500	2743	6214576	13829	620	818	5078160	64428	8260	58620	5241632	28619	5776	25204	4493008	7581	1359	645	6214576	11406	587	604
55	4195888	31876	8649	2592	5383784	34107	5924	22824	4230536	12078	1468	2787	6209896	3095	620	811	4496088	11126	7998	5025	5383784	31131	5735	20409	5095584	5890	1348	5872	5099720	9465	586	9260
56	5383696	23432	8422	19404	5241632	28460	5924	25099	4493008	9034	1456	782	5694448	26236	613	1083	5245080	35400	7884	29282	4229264	27773	5733	2310	6104984	46726	1307	897	5688472	3310	571	341
57	5377912	86612	8324	45517	4229264	30021	5731	2400	5511640	3238	1420	1748	5070064	85299	612	75741	5377920	64596	7846	35866	5832376	17514	5637	17233	5301512	59309	1305	22884	5070064	83170	566	73719
58	5331136	62047	8224	864	5832376	18632	5594	18340	5084560	14286	1409	2014	5047880	50923	612	879	4230536	11935	7697	2689	4212400	19805	5444	2111	5098896	15405	1299	14732	6311192	4865	563	2284
59	5286896	43362	8173	1	5095792	23419	5446	19733	5095584	6646	1399	6613	5225744	1501	611	776	5252480	53297	7669	45740	5084560	10526	5432	1508	4501448	1559	1297	1275	4654104	1197	562	225
60	6094200	29056	8050	1	5355296	19018	5387	2999	5524688	15961	1386	15602	5225600	1367	599	618	5385808	46102	7497	36380	5099720	8865	5348	8708	4196504	36962	1218	3073	5048664	13597	557	367
61	4496088	11341	8026	5013	5388288	87438	5376	30323	5071424	43420	1358	23981	6016144	27654	595	1324	5377912	74963	7362	40397	5095792	19180	5305	16770	5303112	29134	1193	5809	6073008	4425	554	334
62	5524688	15865	8019	15493	5071424	43259	5324	24044	5301512	72034	1341	29671	6311192	5022	593	2423	5263152	49165	7355	35673	5388288	88023	5252	28807	5292032	172552	1184	40766	4496104	3477	550	1898
63	5245080	39900	7903	33114	5099720	9817	5295	9441	6104984	69221	1340	1205	5512264	5600	590	4401	5071424	21265	7170	12194	5241824	52709	5123	42826	5098824	121553	1178	61148	5378912	44675	537	487
64	5252480	52620	7727	45183	6016088	36332	5216	20921	5098896	16384	1336	15712	5934024	67443	586	1264	6016088	23878	7160	14151	6016088	23837	5061	13985	5378816	34067	1166	10474	5934024	19283	536	694

	Config 01	Config 03	Config 07	Config 09	Config 19	Config 21	Config 25	Config 27
Total L1 Misses	24965839	2400768	2.407E+09	2476324	13119053	13085443	3.796E+09	12955041
Total L2 Misses	2749465	1802647	2.377E+09	212860	2510231	1758155	1.343E+09	1911167
Total EAs	38325	38148	36100	37894	37833	37840	37654	37469
Total EAs (Miss)	27275	27229	25842	26991	17226	17074	16636	16463
Total EAs (Hit)	11050	10919	10258	10903	20607	20766	21018	21006
Only 1 EA	3	0	0	0	2	0	0	0
Only 2 EA	3	0	0	0	2	0	0	0
Only 3 EA	3	0	0	0	2	0	2	0
Only 4 EA	3	0	0	0	2	0	2	0

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	5292024	143869	23758	43377	6056872	26882	17505	25635	6041936	4.29E+09	4.295E+09	2	5511416	10685	7525	10425
2	5047880	26792	18204	483	5070064	56063	16536	51579	6041616	4.29E+09	4.289E+09	22	4196168	15414	2845	3366
3	6056872	27093	18005	25853	5070072	63934	15017	54709	6041832	4.29E+09	4.289E+09	22	4196136	19601	2665	4395
4	5070064	56054	16852	51587	5694136	43942	13576	37368	6042072	4.29E+09	4.289E+09	53	5095512	17276	2622	16828
5	5292032	83927	16076	22954	5078248	40108	13378	33059	6043224	548	4.289E+09	509	4496184	6144	2560	3970
6	5070072	64056	15424	54915	4212496	27117	12148	4209	6041424	4.03E+09	4.031E+09	12	5694832	8824	2174	5527
7	5078248	39888	14582	32804	5095512	17402	12104	17002	6041448	4.03E+09	4.031E+09	119	4230080	5406	2167	5397
8	5694136	43841	13735	37139	4296792	16675	11684	4443	6041992	4.03E+09	3.761E+09	122	4496088	7487	1922	4514
9	5302904	40054	13310	10902	5099120	37230	10850	33024	6044328	2.15E+09	2.148E+09	29	4196960	15236	1887	2984
10	4195664	18882	12254	3772	4196136	20019	10676	4949	6044408	21	2.148E+09	19	4496120	5695	1861	3078
11	5099120	37565	12221	33335	5998744	21581	10300	20696	6044552	2.15E+09	2.147E+09	57	4296792	16598	1719	4244
12	4296792	16689	11886	4437	5241592	27487	10184	24881	6042216	2.15E+09	2.147E+09	32	6108576	4832	1624	2343
13	5095512	17278	11880	16883	5277400	22579	10032	20393	6043216	2.7E+08	270067235	380	6056872	26884	1618	25491
14	5383632	30259	11823	24464	5078176	32439	9877	27142	6043520	2.7E+08	270064815	21	5303560	25871	1580	2086
15	5292048	59520	11812	19695	4195664	18914	9414	3805	6044776	2.7E+08	269568800	2	4196464	15129	1574	3966
16	5388360	43092	11749	18019	5099176	33707	9370	30201	5047880	26861	11656	494	5511544	2372	1563	2133
17	5286224	34224	11379	20061	5383632	30360	9229	24922	5511416	10444	7395	10188	4195664	18547	1538	3311
18	5388288	39079	11314	14645	4196464	15839	9206	4515	5095512	17373	4488	16924	4230536	5398	1387	1969
19	4196464	15645	11197	4426	5383488	20379	8907	17963	4196168	15469	3969	3413	4212496	26708	1243	3537
20	5383488	20909	11150	18120	5099200	26394	8819	22969	4196136	19794	3775	4556	4501448	1633	1209	1249
21	5098824	50902	11028	32233	5099464	29866	8807	25378	5303560	25858	3310	2099	4212528	10738	1188	2351
22	5078176	32355	10791	26947	5070016	38425	8567	36363	4296792	16656	3224	4603	5511640	1782	1177	1409
23	5303560	26080	10694	2297	6326960	89636	8566	6849	4496184	6057	3105	3978	5684848	7634	1136	1459
24	5241592	27508	10253	24917	5242640	36380	8520	29896	4212528	10852	2595	2413	6294872	11806	1113	2156
25	5998744	21216	9974	20311	4196168	15595	8454	3651	4229264	13081	2589	1405	5095792	16519	996	14916
26	5353144	11779	9944	1	5524688	12228	7814	12093	5048664	7881	2471	399	4231056	3097	988	1887
27	5099176	33744	9904	30291	5098896	12263	7763	11955	4496120	5846	2448	3105	4291840	3697	947	936
28	5277400	22712	9776	20556	5511416	10532	7627	10269	6056872	27011	2386	25655	4196608	5068	944	1735
29	4196168	15529	9554	3615	5303560	25987	7541	2220	5694832	8847	2354	5528	5355296	6559	943	1307
30	5099200	26408	9326	23029	5078160	45602	7486	41581	4230080	5433	2181	5420	5695000	1894	910	1272
31	5383640	30483	9239	23886	5383640	30453	7403	24143	4496088	7541	2032	4528	4196504	7463	887	1810
32	6326960	88563	9120	6831	5707160	13852	7296	13807	5078248	39649	1987	32337	5745456	1015	884	1011
33	5099464	29859	9080	25116	5245080	22985	7199	19406	5095792	16551	1959	14970	4212400	8167	864	1203
34	4196136	19974	8902	4922	5385808	30099	7092	23675	4196464	15229	1957	4046	6016088	18042	845	12010
35	5070016	38651	8884	36530	5302904	40384	6718	10619	5063728	5772	1954	220	4317944	2971	811	647
36	5378816	19400	8787	7559	5263152	39768	6718	29013	5355296	6698	1858	1395	5084560	6353	759	1049
37	5242640	36467	8766	29713	5098824	51022	6607	31886	4195664	18566	1800	3385	4230544	6904	752	1295
38	4212496	27072	8497	4085	5524104	17428	6607	16464	4212496	26771	1740	3550	6290056	1963	749	1458
39	5372440	41451	8291	19093	5252480	31765	6388	26709	6108576	4842	1740	2373	5390104	814	747	777
40	5078160	45626	8057	41602	5942056	13842	6283	10943	4196960	15368	1736	3081	4229264	12968	739	1342
41	5385808	30060	7639	23686	4196960	15548	6060	3377	5302904	40372	1706	10397	5686248	11489	731	10945
42	5098896	12309	7639	11990	4212528	11091	5996	2703	5070064	59386	1701	54279	5226000	1797	712	1240
43	5511416	10361	7625	10104	5242152	24689	5928	22520	5078176	31728	1676	26058	5070072	63747	685	54110
44	5301512	28466	7607	12237	4496088	7942	5686	4543	4212400	8163	1658	1229	4196664	1444	666	670
45	5263152	39605	7552	28874	5241632	20113	5551	17919	5070072	63729	1652	54202	4496136	3712	658	1724
46	5245080	22940	7483	19334	5383584	14988	5549	13045	4291840	3710	1607	950	4462808	672	653	672
47	5524688	12216	7408	12065	5832376	13568	5500	13408	6016088	18058	1605	11993	6160480	14330	649	1578
48	5252480	31695	7356	26704	5098880	10998	5462	10541	4317944	2878	1522	703	5225744	1193	615	626
49	4195888	22894	7308	1883	5099720	8104	5290	7956	4230536	5583	1510	2083	6214576	5423	605	512
50	4196960	15516	7052	3288	5524296	14466	5244	14204	5511544	2230	1493	1989	5095584	4914	604	4900
51	4229264	13433	7018	1622	4496184	6456	5154	3908	4196608	5193	1447	1764	5099720	8754	593	8589
52	5707160	13882	7005	13842	6016088	18106	5022	12185	5998744	18620	1350	17876	5070064	59381	592	54207
53	5383584	14839	6976	12712	5383696	12723	5002	11332	6104984	38699	1324	965	6209896	1347	591	557
54	5524104	17423	6901	16466	5099208	19966	4936	15927	4501448	1627	1292	1250	5225600	1160	590	524
55	4496088	7944	6553	4424	5241824	29438	4852	23916	4196504	7563	1260	1848	5078248	39484	581	31988
56	6016088	18143	6475	12256	5378816	19386	4849	7007	5524688	12257	1255	12128	6016600	7215	577	7006
57	4212528	11116	6422	2761	5730200	11145	4839	11048	4231056	3068	1212	1823	5934024	29180	574	981
58	5071424	17161	6419	10388	4229264	13360	4820	1662	4493008	4987	1208	482	5688472	23986	571	825
59	5383696	12640	6388	11126	5095792	16549	4816	14953	5511640	1794	1208	1429	4496104	2463	567	1518
60	5379512	11134	6267	223	5378912	12946	4667	389	5303112	15387	1200	4608	5048664	7496	564	393
61	5242152	25099	6264	22872	4230536	5839	4639	2303	4492400	6003	1182	575	4654104	1810	561	402
62	5084936	17982	6257	1451	5388360	42998	4516	17320	5383632	30648	1145	25380	6311192	3040	559	1751
63	6326928	22431	6215	2370	5383784	17390	4195	12593	5095584	4935	1132	4923	5047880	26892	556	489
64	5942056	13887	6210	11042	5047320	56321	4172	2010	5684848	7650	1112	1488	6073008	1333	542	263
Total L1 Misses	9236654			Total L1 Misses	9209765			Total L1 Misses	2.16E+09			Total L1 Misses	9134162			Total L1 Misses
Total L2 Misses	2153358			Total L2 Misses	1562935			Total L2 Misses	4.02E+09			Total L2 Misses	193939			Total L2 Misses
Total EAs	37996			Total EAs	37885			Total EAs	37545			Total EAs	37543			Total EAs
Total EAs (Miss)	22659			Total EAs (Miss)	22632			Total EAs (Miss)	22270			Total EAs (Miss)	22282			Total EAs (Miss)
Total EAs (Hit)	15337			Total EAs (Hit)	15253			Total EAs (Hit)	15275			Total EAs (Hit)	15261			Total EAs (Hit)
Only 1 EA	1			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA
Only 2 EA	1			Only 2 EA	0			Only 2 EA	2			Only 2 EA	0			Only 2 EA
Only 3 EA	1			Only 3 EA	0			Only 3 EA	2			Only 3 EA	0			Only 3 EA
Only 4 EA	1			Only 4 EA	0			Only 4 EA	2			Only 4 EA	0			Only 4 EA

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	6056872	26291	17259	25134	6056872	26089	17422	24925	6120872	4.29E+09	4.295E+09	2	5511416	8666	6945	8626
2	5070064	55300	16175	51386	5070064	54941	16532	50889	6120976	3	4.289E+09	3	4196168	11449	2862	2993
3	5070072	61910	14665	53680	5070072	61777	14781	53604	6123784	4.29E+09	4.289E+09	4	4196136	12915	2647	3639
4	5078248	32503	13640	27924	5694136	44611	13369	37159	6119144	4.28E+09	4.283E+09	636	4496184	5168	2552	3502
5	5694136	45265	13400	37927	4296792	18525	13136	4571	6128192	4.28E+09	4.279E+09	2	5095512	18402	2549	17917
6	4296792	18488	12222	4542	5078248	32816	12989	28259	6125480	5.4E+08	539812608	3	4230080	4319	2141	4309
7	5095512	18180	12086	17730	5095512	18300	12555	17873	6119120	2.7E+08	270080425	2	5694832	4022	2129	3287
8	5099120	30794	11177	27790	5099120	30935	10953	27949	6119008	2.7E+08	269702769	2	4496088	5675	1904	3665
9	5078176	26359	10188	23332	4196136	13156	10059	3922	6134976	2.7E+08	269696965	2	4196960	6174	1831	1865
10	5241592	28169	9751	25387	5998744	21430	10009	20447	5511416	8758	7045	8716	4496120	4724	1782	2752
11	5998744	21396	9649	20441	5241592	28289	9935	25529	5047880	7903	5658	262	4296792	18400	1719	4305
12	5099176	30057	9219	27186	5277400	21320	9769	19248	5095512	18329	4452	17848	4195664	7969	1671	2145
13	5277400	21317	9145	19339	5078176	26326	9704	23461	4196136	13013	4041	3694	6056872	26172	1606	24913
14	5383632	21941	8939	19265	5099176	30112	9420	27287	4196168	11454	3893	3010	4196464	12365	1594	3497
15	5099464	30131	8814	25218	5099464	30176	8917	25454	4296792	18477	3225	4715	5511544	1826	1373	1713
16	5099200	23251	8734	20672	5099200	23325	8849	20690	4496184	5185	3113	3583	4230536	4833	1370	1772
17	4196464	12711	8713	3748	5383632	22098	8694	19567	4212528	9996	2768	2274	5303560	8755	1341	1515
18	5383488	15184	8631	13995	5383488	15127	8621	13956	4496120	4783	2310	2805	4212496	12061	1245	2447
19	4196136	13086	8565	3821	4212496	12502	8607	2735	6056872	26177	2292	24976	4501448	1275	1213	1185
20	5242640	37367	8535	30149	5070016	37918	8491	35880	5694832	4030	2250	3307	4212528	9921	1164	2283
21	5070016	38028	8427	36026	5242640	37335	8334	30180	4230080	4311	2164	4297	5684848	2005	1114	887
22	4196168	11446	8353	3114	4196168	11551	8323	3190	4196464	12470	2059	3575	6294872	2978	1111	1602
23	5078160	40976	7672	38063	5524688	11938	8047	11808	5303560	8851	2055	1560	5511640	1243	1060	1186
24	5263152	35755	7393	28049	4196464	12823	7755	3877	4496088	5737	2041	3714	4231056	2400	981	1527
25	5245080	22307	7351	18640	5098896	12226	7483	11975	5063728	4183	1942	112	4291840	3173	962	842
26	5385808	30526	7338	23745	5245080	22376	7361	18744	5078248	32402	1923	27594	5095792	15518	945	14654
27	5252480	32003	7266	26677	5078160	40985	7288	38029	4195664	8002	1848	2179	4212400	3849	894	805
28	5383640	23299	7258	20034	5707160	13991	7277	13946	4229264	3372	1834	748	5695000	1216	883	1084
29	5098896	12360	7238	12128	5383640	23337	6997	20150	5095792	15440	1789	14581	5745456	887	868	887
30	5524688	11879	7201	11769	5511416	8582	6994	8546	4212496	12156	1761	2466	4196608	4748	857	1577
31	5098824	23936	7141	18565	6326960	36804	6930	4959	5048664	2645	1700	205	4196504	4721	841	1221
32	4212528	10426	7068	2523	5385808	30561	6873	23840	4291840	3196	1651	844	6016088	11542	836	8836
33	5511416	8488	7020	8446	4212528	10413	6739	2578	4196960	6215	1650	1864	4229264	3238	782	694
34	4212496	12387	6922	2675	5263152	35937	6704	28087	4212400	3829	1589	767	4317944	1993	775	545
35	5707160	13951	6833	13896	5252480	32101	6588	26822	5070064	58128	1557	53554	4230544	2508	765	852
36	5047880	7939	6716	255	5098824	23880	6394	18449	5070072	61632	1554	52987	6290056	1879	761	1421
37	5524104	17674	6460	16660	5942056	12088	6283	9752	5078176	25852	1513	22726	5686248	11206	737	10901
38	5302904	13190	6333	4942	5524104	17658	6237	16614	4196608	4851	1507	1658	5226000	1303	704	949
39	4195664	8118	6279	2307	5242152	25629	6194	23241	4230536	4876	1473	1793	4462808	686	669	686
40	5242152	25530	6254	23174	4195664	8197	6056	2410	6016088	11572	1472	8892	4496136	3084	668	1539
41	5388360	20187	6004	9482	5303560	8933	5719	1709	5511544	1767	1360	1655	4196664	1062	647	562
42	5241824	29161	5926	23299	5832376	13558	5588	13387	4317944	2044	1322	619	5070072	61657	643	52984
43	5942056	11986	5827	9772	5524296	14265	5419	14009	5524688	12044	1251	11944	6160480	5161	640	1120
44	5378816	11653	5726	5217	5383584	11195	5360	10253	5998744	18635	1239	17800	6016600	6842	636	6630
45	5303560	8912	5580	1661	5098880	9818	5356	9492	4196504	4755	1238	1249	5225744	1194	624	589
46	5524296	14265	5410	14017	5099720	7720	5280	7624	4501448	1272	1222	1193	5084560	3483	612	725
47	5383584	11040	5408	10050	5241632	20138	5232	17844	4231056	2404	1169	1522	5225600	1138	611	510
48	6016088	11635	5302	8995	5302904	13212	5017	4918	5095584	5022	1142	5007	5390104	632	603	628
49	5241632	20205	5278	17912	4496088	5972	4932	3698	5684848	2030	1089	910	6214576	2100	590	307
50	4496088	6026	5198	3668	5099208	18046	4920	14693	5511640	1260	1067	1188	5048664	2497	584	221
51	5832376	13499	5171	13332	5241824	29100	4913	23212	5302904	13117	1063	4818	6209896	798	584	324
52	6326960	38174	5081	4929	6016088	11648	4899	8999	6104984	3427	1049	445	5688472	918	578	171
53	5099720	7631	5053	7559	4496184	5547	4867	3548	5098896	12172	1032	11932	5095584	4946	576	4932
54	5099208	18147	4987	14809	5730200	11260	4798	11169	5383632	22486	1005	20112	5355296	1476	576	697
55	5098880	9782	4973	9442	5095792	15552	4635	14708	6016600	6796	996	6594	6311192	2588	568	1547
56	5730200	11344	4808	11253	4196960	6306	4507	1989	4492400	2584	992	328	6073008	831	563	188
57	4196960	6225	4769	1910	5383696	9043	4481	8406	5099200	23447	982	20703	5099720	8413	558	8300
58	5383696	9221	4752	8594	5378816	11503	4303	5155	4296704	4546	969	1507	5070064	58442	557	53832
59	5388288	15548	4705	6453	4230536	4894	4251	1852	6160480	5178	961	1139	4654104	851	552	184
60	4496184	5434	4644	3511	5832456	9883	4133	9729	5099120	30926	950	27867	5078248	32277	548	27338
61	5095792	15491	4587	14641	5682976	10021	4103	9507	6294872	2938	929	1584	5934024	2150	531	306
62	6063440	12239	4513	12210	5378912	10362	4090	339	5745456	902	885	900	4229024	1844	527	266
63	6064832	13287	4354	12899	5547120	4764	3972	4110	5383488	12993	873	12039	5047880	7861	522	246
64	5503768	15948	4352	15602	6063440	12209	3952	12180	5694136	46534	871	38789	6104984	3422	520	416
Total L1 Misses	4268613			Total L1 Misses	4270052			Total L1 Misses	1.32E+09			Total L1 Misses	4226696			
Total L2 Misses	1518605			Total L2 Misses	1438215			Total L2 Misses	2.91E+09			Total L2 Misses	183506			
Total EAs	37517			Total EAs	37618			Total EAs	37176			Total EAs	37161			
Total EAs (Miss)	11578			Total EAs (Miss)	11655			Total EAs (Miss)	11038			Total EAs (Miss)	10825			
Total EAs (Hit)	25939			Total EAs (Hit)	25963			Total EAs (Hit)	26138			Total EAs (Hit)	26336			
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			
Only 2 EA	0			Only 2 EA	0			Only 2 EA	5			Only 2 EA	0			
Only 3 EA	0			Only 3 EA	0			Only 3 EA	7			Only 3 EA	0			
Only 4 EA	0			Only 4 EA	0			Only 4 EA	8			Only 4 EA	0			

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4201992	4096	1030	4096	4201992	4096	1796	4096	4201736	2049	1024	2049	4201736	2049	1024	2049	4201736	2049	1025	2049	4201992	4096	1728	4096	4201736	2049	1024	2049	4201736	2049	1024	2049
2	4201736	2049	1025	2049	4201736	2049	1025	2049	4219256	28	24	16	4196120	384	14	122	4201992	4096	959	4096	4201736	2049	1025	2049	4219256	27	25	14	4196120	268	11	101
3	4196120	339	194	104	4196120	381	226	122	4217200	28	23	1	4245696	134	5	41	4196120	234	195	90	4196120	227	183	88	4217200	27	23	1	4245696	133	4	43
4	4201128	214	109	49	4201128	214	109	49	4196120	400	17	134	4195968	2287	4	483	4201128	207	109	47	4201128	207	109	50	4196120	249	13	90	4224720	15	3	13
5	4216000	97	73	25	4195968	2302	80	504	4217288	10	8	1	4224720	40	3	19	4216000	76	76	23	4195968	2175	82	473	4217288	13	10	6	4195968	2173	2	483
6	4245696	137	65	43	4245696	139	64	44	4201128	213	5	54	4224736	29	3	7	4245696	138	66	41	4216000	67	67	18	4201128	206	5	55	4224736	27	2	6
7	4195968	2293	29	493	4216000	76	53	14	4245696	135	5	46	4284080	20	2	5	4217200	31	30	13	4245696	130	65	48	4245696	132	5	45	4216208	25	2	8
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9	4217200	30	28	13	4218120	55	29	24	4224720	34	4	18	4228904	2	2	2	4218120	29	29	16	4217200	30	29	14	4216000	67	3	12	4244824	7	2	1
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60	4245336	2	2	2	4202488	80	1	70	4233512	1	1	1	4198232	448	0	3	4195464	4	1	1	4195320	22	1	1	4201992	4096	0	4096	4202488	77	0	66
61	4210816	2	2	1	4196592	23	1	4	4201992	4096	0	4096	4201128	213	0	50	4235712	2	1	2	4213648	6	1	6	4202632	596	0	547	4215448	37	0	1
62	4228904	2	2	2	4296160	13	1	8	4202632	613	0	575	4198264	159	0	38	4196584	2	1	2	4195464	3	1	1	4202488	77	0	66	4196592	29	0	4
63	4224848	2	2	2	4194800	10	1	1	4198232	450	0	5	4201840	154	0	154	4224896	2	1	2	4202248	3	1	3	4215448	37	0	1	4217200	27	0	1
64	4202488	80	1	70	4198416	9	1	3	4198264	165	0	37	4201288	135	0	56	4216064	2	1	2	4224864	2	1	2	4196592	31	0	3	4201088	25	0	1
Total L1 Misses	12390			Total L1 Misses	12446			Total L1 Misses	12357			Total L1 Misses	12340			Total L1 Misses	10667			Total L1 Misses	10707			Total L1 Misses	10658			Total L1 Misses	10706		
Total L2 Misses	3237			Total L2 Misses	4088			Total L2 Misses	1173			Total L2 Misses	1107			Total L2 Misses	3148			Total L2 Misses	3974			Total L2 Misses	1170			Total L2 Misses	1101		
Total EAs	807			Total EAs	812			Total EAs	801			Total EAs	806			Total EAs	806			Total EAs	809			Total EAs	810			Total EAs	794		
Total EAs (Miss)	177			Total EAs (Miss)	179			Total EAs (Miss)	171			Total EAs (Miss)	176			Total EAs (Miss)	149			Total EAs (Miss)	147			Total EAs (Miss)	140			Total EAs (Miss)	146		
Total EAs (Hit)	630			Total EAs (Hit)	633			Total EAs (Hit)	630			Total EAs (Hit)	630			Total EAs (Hit)	657			Total EAs (Hit)	662			Total EAs (Hit)	670			Total EAs (Hit)	648		
Only 1 EA	21			Only 1 EA	24			Only 1 EA	39			Only 1 EA	35			Only 1 EA	24			Only 1 EA	25			Only 1 EA	41			Only 1 EA	41		
Only 2 EA	31			Only 2 EA	31			Only 2 EA	44			Only 2 EA	38			Only 2 EA	35			Only 2 EA	31			Only 2 EA	45			Only 2 EA	44		
Only 3 EA	37			Only 3 EA	35			Only 3 EA	45			Only 3 EA	44			Only 3 EA	37			Only 3 EA	34			Only 3 EA	47			Only 3 EA	45		
Only 4 EA	39			Only 4 EA	40			Only 4 EA	46			Only 4 EA	44			Only 4 EA	40			Only 4 EA	38			Only 4 EA	48			Only 4 EA	46		

	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4201992	4096	1030	4096	4201992	4096	1443	4096	4201736	2049	1024	2049	4201736	2049	1024	2049	4201736	2049	1025	2049	4201992	4096	1534	4096	4201736	2049	1024	2049	4201736	2049	1024	2049
2	4201736	2049	1025	2049	4201736	2049	1025	2049	4219256	28	24	16	4196120	287	11	105	4201992	4096	767	4096	4201736	2049	1025	2049	4219256	27	24	14	4196120	235	14	104
3	4196120	264	223	98	4196120	275	222	120	4217200	28	23	1	4245696	130	4	30	4196120	253	236	97	4196120	238	222	94	4217200	26	24	1	4245696	129	4	38
4	4201128	214	109	53	4201128	213	109	57	4196120	290	12	107	4224720	41	4	18	4201128	204	109	44	4201128	204	109	45	4196120	264	12	111	4195968	1734	3	386
5	4216000	71	70	19	4195968	1821	79	425	4201128	213	5	48	4224736	13	3	7	4216000	78	78	23	4195968	1745	81	374	4217288	12	7	5	4224736	22	3	5
6	4245696	136	67	40	4245696	135	64	46	4245696	140	4	48	4284080	20	2	5	4245696	131	65	40	4216000	81	81	21	4201128	204	5	49	4224720	21	3	15
7	4195968	1820	34	390	4216000	64	63	22	4224720	39	4	19	4215760	10	2	10	4217200	32	32	13	4245696	131	65	40	4245696	130	5	32	4284080	20	2	6
8	4218120	32	30	16	4224720	42	40	21	4217288	6	4	2	4244824	5	2	1	4218120	29	29	15	4218120	29	31	12	4217200	31	31	12	4224720	17	5	7
9	4196568	29	27	5	4218120	33	31	15	4218120	30	3	16	4228904	2	2	2	4195968	1733	28	374	4218120	28	28	14	4218120	30	3	13	4244824	5	2	1
10	4219256	28	27	14	4217200	32	30	14	4215760	15	3	11	4195968	1802	1	381	4244768	27	27	1	4244768	27	27	1	4224736	22	3	5	4228904	2	2	2
11	4244768	27	27	1	4217960	28	27	1	4195968	1806	2	388	4196800	49	1	2	4296472	27	27	1	4296472	27	27	1	4244768	27	2	1	4218120	31	1	16
12	4217960	27	27	1	4219256	28	27	17	4216000	48	2	12	4218120	31	1	14	4219256	27	27	15	4219256	27	27	12	4244824	10	2	1	4217960	27	1	1
13	4296472	27	27	1	4244768	27	27	1	4244768	27	2	1	4219256	28	1	15	4217960	27	27	1	4217960	27	27	1	4228904	2	2	2	4219256	27	1	17
14	4217200	28	26	1	4296472	27	27	1	4224736	26	2	6	4244768	27	1	1	4196568	27	26	3	4196568	27	26	3	4195968	1732	1	403	4244768	27	1	1
15	4224720	28	26	18	4196568	27	26	4	4216208	17	2	5	4217960	27	1	1	4196800	25	25	1	4196656	25	25	1	4216000	61	1	12	4296472	27	1	1
16	4246472	26	26	1	4196800	49	25	2	4196088	11	2	9	4296472	27	1	1	4196832	25	25	1	4196800	25	25	1	4217960	27	1	1	4196800	25	1	1
17	4196800	49	25	2	4195944	30	25	1	4244824	6	2	1	4196776	25	1	1	4195920	25	25	1	4196776	25	25	1	4296472	27	1	1	4196776	25	1	1
18	4195944	27	25	1	4196832	26	25	2	4228904	2	2	2	4215376	24	1	1	4196656	25	25	1	4196832	25	25	1	4196776	25	1	1	4215376	23	1	1
19	4195920	26	25	1	4196656	26	25	1	4196800	49	1	2	4216208	19	1	5	4195944	25	25	1	4195944	25	25	1	4196800	25	1	1	4195336	19	1	2
20	4196832	26	25	2	4196776	25	25	1	4217960	27	1	1	4217288	10	1	3	4196776	25	25	1	4195920	25	25	1	4196832	25	1	1	4216208	18	1	6
21	4196656	25	25	1	4195920	25	25	1	4296472	27	1	1	4284496	8	1	5	4201056	25	24	1	4246472	24	24	1	4246472	24	1	1	4217288	14	1	6
22	4196776	25	25	1	4246472	24	24	1	4196832	26	1	2	4196088	7	1	7	4246472	24	24	1	4201056	25	22	1	4215376	22	1	1	4284496	10	1	6
23	4201056	25	23	1	4201056	25	23	1	4196776	25	1	1	4215720	6	1	6	4215344	21	21	1	4215344	21	21	1	4215760	21	1	12	4215296	6	1	1
24	4215344	22	22	1	4195336	24	23	3	4246472	24	1	1	4215296	4	1	1	4195336	22	20	3	4284080	20	20	7	4284080	20	1	7	4196088	3	1	3
25	4195336	22	20	3	4284080	20	20	8	4215376	23	1	1	4194800	2	1	1	4284080	20	20	6	4195336	20	19	3	4213592	19	1	1	4267624	2	1	1
26	4284080	20	20	6	4215344	20	20	1	4284080	20	1	7	4235712	2	1	2	4216208	27	18	7	4216208	27	18	7	4216208	19	1	7	4216064	2	1	2
27	4216208	29	18	11	4224736	21	18	9	4213592	16	1	1	4245600	2	1	2	4224720	18	18	16	4224720	16	16	15	4284496	11	1	6	4235712	2	1	2
28	4215376	16	14	1	4216208	27	13	8	4284496	8	1	5	4195464	1	1	1	4196576	19	14	5	4213592	16	14	1	4215296	4	1	1	4195464	1	1	1
29	4213592	15	13	1	4215376	18	12	1	4246168	5	1	5	4215792	1	1	1	4215376	17	12	1	4215376	17	12	1	4224864	3	1	3	4202248	1	1	1
30	4196576	17	11	5	4215760	15	12	14	4215296	4	1	1	4205304	1	1	1	4213592	14	12	1	4196576	21	11	4	4196088	3	1	3	4194800	1	1	1
31	4215520	11	11	1	4213592	13	11	1	4224872	2	1	2	4205544	1	1	1	4244824	12	12	1	4244824	10	10	1	4195464	2	1	1	4194624	1	1	1
32	4215760	13	10	10	4217288	12	11	3	4267624	2	1	1	4202768	1	1	1	4215520	11	11	2	4215520	10	10	1	4235712	2	1	2	4202768	1	1	1
33	4196600	12	9	8	4215520	10	10	2	4235712	2	1	2	4205056	1	1	1	4217288	10	10	5	4244824	10	10	1	4194800	1	1	1	4205056	1	1	1
34	4224736	10	9	8	4196576	17	9	7	4194800	2	1	1	4204920	1	1	1	4196448	9	9	1	4217288	9	9	5	4205056	1	1	1	4210872	1	1	1
35	4217288	9	9	2	4196448	9	9	1	4202248	1	1	1	4210304	1	1	1	4215760	9	9	4	4196600	10	8	7	4205304	1	1	1	4214632	1	1	1
36	4224856	9	8	6	4196088	19	8	9	4202248	1	1	1	4202248	1	1	1	4196088	14	7	10	4215760	8	8	6	4204920	1	1	1	4210304	1	1	1
37	4244824	8	8	1	4215448	28	7	2	4195464	1	1	1	4214632	1	1	1	4284496	10	7	6	4284496	11	7	6	4204792	1	1	1	4205304	1	1	1
38	4284496	10	7	6	4284496	12	7	7	4205056	1	1	1	4213960	1	1	1	4224736	7	7	7	4224736	7	7	7	4202768	1	1	1	4204920	1	1	1
39	4215808	7	7	5	4215296	7	7	1	4205304	1	1	1	4210872	1	1	1	4215448	28	6	2	4215808	6	6	5	4202248	1	1	1	4213960	1	1	1
40	4196496	7	7	1	4202632	330	6	316	4214632	1	1	1	4194624	1	1	1	4198432	6	6	2	4202632	306	5	301	4205544	1	1	1	4234536	1	1	1
41	4198432	7	6	2	4244824	6	6	1	4213960	1	1	1	4234816	1	1	1	4215296	6	6	1	4215448	27	5	1	4214632	1	1	1	4234376	1	1	1
42	4196448	6	6	1	4196496	6	6	1	4210872	1	1	1	4234536	1	1	1	4196496	5	5	1	4196592	22	5	3	4213960	1	1	1	4233648	1	1	1
43	4196088	10	5	7	4198432	7	5	3	4210304	1	1	1	4234376	1	1	1	4196600	5	3	4	4215296	5	5	1	4210872	1	1	1	4233512	1	1	1
44	4196584	6	4	6	4196600	6	5	5	4205544	1	1	1	4233648	1	1	1	4210928	5	3	1	4196088	14	4	7	4210304	1	1	1	4244392	1	1	1
45	4215720	4	4	3	4197544	25	4	5	4194624	1	1	1	4233512	1	1	1	4215720	4	3	4	4201088	25	3	1	4194624	1	1	1	4242288	1	1	1
46	4215296	4	4	1	4224856	5	4	4	4235624	1	1	1	4283936	1	1	1	4267624	3	3	1	4198432	4	3	3	4234376	1	1	1	4242544	1	1	1
47	4197544	10	3	5	4216128	4	3	2	4283920	1	1	1	4235624	1	1	1	4196592	27	2	5	4215720	4	3	4	4242544	1	1	1	4235624	1	1	1
48	4198232	444	2	1	4210928	4	3	1	4283936	1	1	1	4233656	1	1	1	4267808	4	2	4	4267624	3	3	1	4233656	1	1	1	4234816	1	1	1
49	4202488	41	2	37	4215808	3	3	3	4230568	1	1	1	4244392	1	1	1	4196584	4	2	4	4224856	3	3	3	4233648	1	1	1	4233656	1	1	1
50	4196592	28	2	4	4202488	41	2	37	4234536	1	1	1	4242544	1	1	1	4215808	2	2	2	4210928	5	2	1	4233512	1	1	1	4245336	1	1	1
51	4215448	27	2	1	4201088	25	2	1	4233648	1	1	1	4267640	1	1	1	4210816	2	2	1	4267808	4	2	4	4242288	1	1	1	4245600	1	1	1
52	4201088	25	2	1	4196584	6	2	6	4233512	1	1	1	4242288	1	1	1	4204536	2	2	2	4224888	3	2	2	4234816	1	1	1	4229128	1	1	1
53	4267808	6	2	6	4267808	4	2	4	4233656	1	1	1	4245336	1	1	1	4228904	2	2	2	4246936	2	2	1	4283936	1	1	1	4283936	1	1	1
54	4216128	3	2	2	4204536	2	2	2	4234376	1	1	1	4229128	1	1	1	4224856	2	2	2	4210816	2	2	1	4245600	1	1	1	4201992	4096	0	4096
55	4267624	2	2	1	4216064	2	2	2	4242288	1	1	1	4201992	4096	0	4096	4202488	39	1	36	4228904	2	2	2	4234536	1	1	1	4202632	275	0	273
56	4228904	2	2	2	4224872	2	2	2	4245336	1	1	1	4198232	448	0	3	4201088	25	1	1	4224880	2	2	2	4235624	1	1	1	4201128	204	0	46
57	4195320	21	1	1	4224880	2	2	2	4245600	1	1	1	4202632	347	0	340	4296224	21	1	9	4196496	2	2	1	4244848	1	1	1	4216000	56	0	14
58	4296224	20	1	12	4210816	2	2	1	4244392	1	1	1	4201128	213	0	53	4195320	20	1	1	4244848	2	2	1	4229128	1	1	1	4202488	36	0	36
59	4213648	6	1	5	4228904	2	2	2	4234816	1	1	1	4198264	160	0	36	4196608	10	1	5	4202488	39	1	36	4224912	1	1	1	4215448	27	0	1
60	4224912	5	1	3	4267624	2	2	1	4242544	1	1	1	4201288	130	0	55	4213648	4	1	4	4195320	23	1	1	4267624	1	1	1	4196568	26	0	2
61	4195464	3	1	1	4197552	33	1	2	4229128	1	1	1	4197560	56	0	2	4195464	4	1	1	4296224	22	1	10	4244392	1	1	1	4217200	26	0	1
62	4224888	3	1	3	4196592	25	1	3	4201992	4096	0	4096	4199144	51	0	1	4216128	3	1	2	4213648	4	1	4	4201992	4096	0	4096	4196656	25	0	1
63	4235712	2	1	2	4195320	22	1	1	4198232	445	0	48	4216000	49	0	13	4202272	3	1	3	4195464	4	1	1	4202632	275	0	273	4201088	25	0	1
64	4198184	1	1	1	4296224	14	1	8	4202632	347	0	340	4202488	44	0	37	4224888	3	1	3	4202272	3	1	3	4202488	36	0	36	4201056	25	0	1
Total L1 Misses	11043			Total L1 Misses	11115			Total L1 Misses	11066			Total L1 Misses	11012			Total L1 Misses	9847			Total L1 Misses	9836			Total L1 Misses	9777			Total L1 Misses	9756		
Total L2 Misses	3278			Total L2 Misses	3747			Total L2 Misses	1165			Total L2 Misses	1099			Total L2 Misses	3011			Total L2 Misses	3816			Total L2 Misses	1166			Total L2 Misses	1102		
Total EAs	815			Total EAs	817			Total EAs	811			Total EAs	807			Total EAs	814			Total EAs	813			Total EAs	805			Total EAs	803		
Total EAs (Miss)	155			Total EAs (Miss)	155			Total EAs (Miss)	154			Total EAs (Miss)	150			Total EAs (Miss)	127			Total EAs (Miss)	127			Total EAs (Miss)	121			Total EAs (Miss)	125		
Total EAs (Hit)	660			Total EAs (Hit)	662			Total EAs (Hit)	657			Total EAs (Hit)	657			Total EAs (Hit)	687			Total EAs (Hit)	686			Total EAs (Hit)	684			Total EAs (Hit)	678		
Only 1 EA	25			Only 1 EA	21			Only 1 EA	39			Only 1 EA	36			Only 1 EA	24			Only 1 EA	28			Only 1 EA	42			Only 1 EA	40		
Only 2 EA	32			Only 2 EA	32			Only 2 EA	45			Only 2 EA	41			Only 2 EA	32			Only 2 EA	31			Only 2 EA	44			Only 2 EA	45		
Only 3 EA	36			Only 3 EA	37			Only 3 EA	45			Only 3 EA	43			Only 3 EA	36			Only 3 EA	37			Only 3 EA	46			Only 3 EA	46		
Only 4 EA	37			Only 4 EA	40			Only 4 EA	45			Only 4 EA	43			Only 4 EA	42			Only 4 EA	41			Only 4 EA	46			Only 4 EA	46		

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4226040	17674	6398	6702	4226040	16965	907	6388	4226040	18132	132	6152	4226040	14665	118	5673	4217352	1132516	5037	24215	4226040	1337	83	383	4226040	6657	89	2378	4226040	6657	85	2378
2	4217352	1200620	3745	26537	4217352	1202033	212	26547	4217352	1203924	121	26604	4217352	1202934	52	26573	4219240	82083	4966	460	4219240	82024	51	416	4219240	82064	42	419	4219240	82064	42	419
3	4219240	87478	3236	639	4219240	87359	40	623	4217632	6968	51	543	4229928	65	32	65	4216352	339898	3530	30827	4280312	79	34	78	4280312	79	34	78	4280312	79	34	78
4	4218160	483751	693	11535	4229928	65	32	65	4218096	3745	51	99	4219240	87450	31	645	4218160	478015	3330	10777	4229928	65	33	65	4229928	65	33	65	4229928	65	33	65
5	4218136	1109539	613	20278	4280312	106	30	101	4219240	87487	38	688	4280312	106	30	101	4218136	1107949	3241	19528	4302704	56	28	56	4302704	56	28	56	4302704	56	28	56
6	4216352	434505	270	40532	4302704	79	28	76	4229928	65	32	65	4302704	82	28	77	4217576	11287	258	949	4217352	1133211	27	24066	4217352	1132733	22	23941	4285168	45	22	45
7	4254960	239	233	6	4217632	6802	25	553	4280312	106	30	101	4285168	90	22	90	4221952	1268	174	53	4217576	11042	24	951	4285168	45	22	45	4217352	1132733	16	23941
8	4217168	41204	124	2522	4319312	176	23	25	4302704	82	28	77	4217576	31878	12	2204	4226040	2479	146	1084	4285168	45	22	45	4217576	11078	20	942	4217576	11078	12	942
9	4218096	3761	122	111	4319216	87	23	15	4285168	90	22	90	4221952	6701	8	112	4279104	34159	98	4323	4272112	11	8	11	4282648	15	6	15	4282648	15	6	15
10	4255376	36015	103	3470	4285168	91	22	91	4217576	31713	19	2253	4319312	168	6	24	4373272	98	93	4	4217632	2021	7	166	4271512	15	5	14	4271512	15	5	14
11	4279048	5129	99	1206	4217576	28330	20	2263	4221952	6575	7	118	4272112	25	6	25	4220552	157383	69	581	4282648	15	6	15	4219176	3767	4	61	4219176	3767	4	61
12	4373272	123	92	1	4320136	190	20	18	4272112	25	6	25	4219176	40617	5	253	4237264	35749	65	6481	4219176	3828	4	63	4290856	7	4	7	4290856	7	4	7
13	4277032	175193	83	5570	4319296	40	14	7	4282648	15	5	15	4282648	15	5	15	4277032	112818	63	3441	4271512	14	4	14	4217632	1969	3	172	4319312	241	3	24
14	4237176	51775	78	643	4219176	40557	10	262	4219176	40492	4	255	4217632	6767	4	562	4255376	14553	59	522	4290856	7	4	7	4319312	241	3	24	4272112	8	3	8
15	4220552	285463	74	798	4272112	29	9	28	4319312	162	4	29	4271512	28	4	27	4254912	20472	50	2552	4218136	1108692	3	19647	4272112	8	3	8	4217632	1969	2	172
16	4255232	608	63	103	4218136	1109680	8	20079	4271512	28	4	27	4290856	8	4	8	4217632	1818	40	158	4221952	1889	3	65	4221952	546	2	50	4221952	546	2	50
17	4253224	17420	59	1	4219520	21412	7	206	4290856	8	4	8	4319240	1475	3	69	4280928	5942	38	1099	4320136	68	3	14	4319216	102	2	6	4319216	102	2	6
18	4217648	7556	57	983	4221952	6793	7	100	4319240	1477	3	66	4254960	321	3	5	4277344	7475	34	344	4218160	477343	2	10751	4318104	94	2	3	4318104	94	2	3
19	4217632	6705	56	537	4288040	180	7	1	4254960	288	3	5	4315432	4	3	3	4280312	79	34	78	4319216	116	2	9	4254960	81	2	5	4254960	81	2	5
20	4317184	130	51	3	4271512	32	7	29	4277032	175752	2	5557	4248488	22800	2	106	4229928	65	33	65	4335024	94	2	1	4288288	9	2	7	4288288	9	2	7
21	4318104	122	51	14	4217648	7745	6	1027	4248488	22812	2	103	4315360	493	2	3	4281248	3956	31	336	4317184	94	2	3	4310000	5	2	3	4310000	5	2	3
22	4219520	21310	46	206	4218160	483838	5	11392	4253224	17415	2	42	4315984	145	2	15	4224088	4062	29	316	4318104	94	2	3	4328808	3	2	3	4328808	3	2	3
23	4219176	40586	41	261	4282648	15	5	15	4315984	144	2	13	4317768	106	2	15	4302704	56	28	56	4373272	92	2	1	4218136	1108076	1	19664	4218136	1108076	1	19664
24	4219256	7655	41	534	4237176	47211	4	604	4320288	44	2	11	4320288	35	2	8	4219256	1557	24	611	4288288	9	2	7	4253224	16471	1	1	4253224	16471	1	1
25	4319312	171	38	28	4254960	382	4	5	4271456	8	2	8	4288288	8	2	7	4255352	875	22	65	4319136	5	2	4	4248488	8444	1	26	4248488	8444	1	26
26	4373024	149	38	24	4317944	124	4	1	4288288	8	2	7	4271456	8	2	8	4219216	453	22	338	4324720	5	2	4	4237176	5509	1	21	4237176	5509	1	21
27	4223776	358298	34	1189	4290856	9	4	9	4319416	3	2	3	4309968	4	2	4	4285168	45	22	45	4316048	4	2	3	4219520	5091	1	61	4219520	5091	1	61
28	4229928	65	32	65	4271456	8	4	8	4315432	3	2	2	4328808	3	2	3	4221568	194271	18	494	4272568	4	2	4	4234296	4162	1	53	4234296	4162	1	53
29	4280312	106	30	101	4237264	42136	3	7646	4328808	3	2	3	4218136	1109612	1	20162	4219552	67720	14	1773	4328808	3	2	3	4290504	3758	1	1	4290504	3758	1	1
30	4302704	82	28	77	4218096	3723	3	94	4218136	1110201	1	20242	4221568	311641	1	824	4279096	19811	12	4836	4315432	2	2	1	4288040	299	1	1	4288040	299	1	1
31	4222616	18469	26	1250	4320288	30	3	9	4237176	50391	1	656	4237176	49562	1	599	4262264	1166	11	883	4271456	2	2	2	4317184	94	1	3	4317184	94	1	3
32	4224088	10597	26	1370	4248488	22819	2	105	4219520	22449	1	208	4237264	41386	1	7651	4254960	34	11	4	4253224	16470	1	1	4317944	94	1	1	4317944	94	1	1
33	4319216	84	26	13	4253224	17418	2	43	4234296	5298	1	49	4219520	22455	1	208	4217736	9825	10	796	4248488	8416	1	29	4335024	94	1	1	4335024	94	1	1
34	4320136	164	25	18	4224240	2625	2	92	4290504	5067	1	1	4253224	17410	1	1	4261904	634	9	416	4237176	5461	1	21	4373272	93	1	2	4373272	93	1	2
35	4217696	4174	24	413	4319240	1477	2	72	4234952	1999	1	205	4234296	5107	1	47	4221752	86346	8	149	4219520	5120	1	64	4373024	93	1	5	4373024	93	1	5
36	4261952	126	24	10	4317768	132	2	19	4219216	1915	1	342	4290504	5099	1	1	4219304	28153	8	1866	4234296	3954	1	45	4315984	92	1	6	4315984	92	1	6
37	4285168	90	23	90	4317184	128	2	3	4235112	560	1	117	4315280	486	1	1	4279080	7808	8	1335	4290504	3782	1	1	4319240	92	1	1	4319240	92	1	1
38	4279104	44999	21	5469	4373272	124	2	2	4315360	493	1	2	4288040	195	1	1	4281384	4492	8	561	4288040	1175	1	1	4317768	92	1	1	4317768	92	1	1
39	4217576	28437	21	2215	4335024	121	2	1	4315280	442	1	1	4335024	160	1	1	4217648	4067	7	426	4285936	771	1	1	4271992	34	1	32	4271992	34	1	32
40	4277344	17321	21	1101	4319136	19	2	8	4288040	193	1	1	4373024	136	1	17	4302712	118	7	107	4319312	191	1	24	4319304	26	1	5	4319304	26	1	5
41	4224240	2575	20	97	4288288	8	2	7	4335024	163	1	1	4317184	129	1	3	4281368	55752	6	236	4217416	161	1	94	4315280	20	1	1	4315280	20	1	1
42	4221952	6520	18	108	4309968	4	2	4	4317768	144	1	11	4317944	124	1	1	4218096	3437	6	63	4273024	94	1	7	4324720	13	1	9	4324720	13	1	9
43	4319296	41	18	7	4310000	3	2	3	4373024	137	1	20	4373272	123	1	1	4217696	406	6	155	4317944	94	1	1	4324832	5	1	3	4324832	5	1	3
44	4276728	12927	16	1941	4328808	3	2	3	4317184	128	1	3	4318104	121	1	3	4282648	15	6	15	4261952	92	1	1	4338416	4	1	1	4338416	4	1	1
45	4219216	5743	16	499	4315432	3	2	1	4317944	124	1	1	4262896	115	1	28	4272112	11	6	11	4315984	92	1	5	4272568	3	1	3	4272568	3	1	3
46	4221824	2627	16	644	4310208	2	2	1	4373272	123	1	1	4280408	37	1	37	4271512	14	5	13	4317768	92	1	1	4324824	2	1	2	4324824	2	1	2
47	4223904	152874	15	1155	4217456	49574	1	1739	4318104	122	1	17	4319296	33	1	7	4219176	3666	4	65	4319240	92	1	1	4340912	2	1	2	4340912	2	1	2
48	4220680	14992	15	967	4224800	6828	1	1951	4319216	82	1	14	4313960	20	1	13	4216424	491	4	101	4320360	50	1	3	4324848	2	1	2	4324848	2	1	2
49	4237264	41852	14	7747	4219216	5672	1	502	4319368	49	1	11	4315328	15	1	6	4279872	38	4	36	4315280	22	1	1	4310264	2	1	1	4310264	2	1	1
50	4281248	11048	12	1508	4290504	5023	1	1	4319296	39	1	6	4272568	12	1	10	4290856	7	4	7	4286024	7	1	1	4310320	2	1	1	4310320	2	1	1
51	4317944	124	12	1	4219640	3459	1	326	4280408	37	1	37	4313848	4	1	4	4214232	724	3	227	4338416	4	1	1	4310208	2	1	1	4310208	2	1	1
52	4271512	31	11	29	4234288	2326	1	3	4319352	27	1	8	4313856	4	1	3	4319216	110	3	11	4291592	3	1	3	4320360	2	1	2	4320360	2	1	2
53	4221568	311840	10	844	4217504	2246	1	324	4272568	12	1	10	4338416	3	1	1	4320136	103	3	15	4310208	2	1	1	4271456	2	1	2	4271456	2	1	2
54	4234368	112178	10	163	4217416	1950	1	350	4319136	11	1	8	4310208	2	1	1	4317184	94	3	3	4310264	2	1	1	4274336	2	1	2	4274336	2	1	2
55	4217456	50118	10	1785	4213608	1724	1	3	4338416	3	1	1	4310000	2	1	2	4279816	30	3	24	4310320	2	1	1	4319352	2	1	2	4319352	2	1	2
56	4281384	40167	10	4432	4315280	446	1	1	4309968	2	1	2	4310264	2	1	1	4221864	61223	2	82	4340912	2	1	2	4279944	2	1	2	4279944	2	1	2
57	4281144	12648	10	2233	4285936	349	1	1	4313848	2	1	2	4310320	2	1	1	4217456	39280	2	1218	4274336	2	1	2	4280480	2	1	2	4280480	2	1	2
58	4221336	149488	9	620	4302712	202	1	164	4310208	2	1	1	4274336	2	1	2	4220680	10606	2	310	4280480	2	1	2	4233712	1	1	1	4233712	1	1	1
59	4221864	132210	9	540	4315984	145	1	12	4310264	2	1	1	4340912	2	1	2	4248488	8423	2	27	4229888	1	1	1	4309696	1	1	1	4309696	1	1	1
60	4254912	29155	9	4293	4261952	126	1	8	4310320	2	1	1	4319416	2	1	2	4250312	1712	2	1132	4233712	1	1	1	4233720	1	1	1	4233720	1	1	1
61	4302712	191	8	166	4318104	121	1	3	4274336	2	1	2	4315504	2	1	2	4281144	1418	2	280	4274064	1	1	1	4229888	1	1	1	4229888	1	1	1
62	4315320	91	8	74	4279776	45	1	31	4340912	2	1	2	4274168	1	1	1	4217048	1367	2	148	4292144	1	1	1	4282848	1	1	1	4282848	1	1	1
63	4271456	12	8	12	4280408	37	1	37	4320360	2	1	2	4274064	1	1	1	4248320	733	2	537	4274272	1	1	1	4285784	1	1	1	4285784	1	1	1
64	4281480	314212	7	39730	4324840	21	1	4	4233720	1	1	1	4233712	1	1	1	4216408	262	2	66	4291504	1	1	1	4274272	1	1	1	4274272	1	1	1
Total L1 Misses	9603349			Total L1 Misses	9592623			Total L1 Misses	9589749			Total L1 Misses	9590414			Total L1 Misses	5247873			Total L1 Misses	5258649			Total L1 Misses	5257047			Total L1 Misses	5257047		
Total L2 Misses	17449			Total L2 Misses	1581			Total L2 Misses	640			Total L2 Misses	446			Total L2 Misses	21825			Total L2 Misses	417			Total L2 Misses	384			Total L2 Misses	365		
Total EAs	1698			Total EAs	1694			Total EAs	1688			Total EAs	1693			Total EAs	1630			Total EAs	1614			Total EAs	1625			Total EAs	1625		
Total EAs (Miss)	870			Total EAs (Miss)	872			Total EAs (Miss)	882			Total EAs (Miss)	874			Total EAs (Miss)	620			Total EAs (Miss)	609			Total EAs (Miss)	611			Total EAs (Miss)	611		
Total EAs (Hit)	828			Total EAs (Hit)	822			Total EAs (Hit)	806			Total EAs (Hit)	819			Total EAs (Hit)	1010			Total EAs (Hit)	1005			Total EAs (Hit)	1014			Total EAs (Hit)	1014		
Only 1 EA	3			Only 1 EA	8			Only 1 EA	11			Only 1 EA	14			Only 1 EA	0			Only 1 EA	23			Only 1 EA	19			Only 1 EA	19		
Only 2 EA	3			Only 2 EA	9			Only 2 EA	18			Only 2 EA	19			Only 2 EA	0			Only 2 EA	27			Only 2 EA	29			Only 2 EA	29		
Only 3 EA	4			Only 3 EA	15			Only 3 EA	21			Only 3 EA	25			Only 3 EA	1			Only 3 EA	33			Only 3 EA	35			Only 3 EA	35		
Only 4 EA	4			Only 4 EA	17			Only 4 EA	21			Only 4 EA	27			Only 4 EA	3			Only 4 EA	36			Only 4 EA	35			Only 4 EA	35		

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4219240	80282	4900	367	4226040	38168	966	6243	4226040	41612	129	5287	4226040	41612	118	5287
2	4217352	662176	4667	12646	4219240	80352	254	375	4219240	80355	36	384	4219240	80355	36	384
3	4226040	38759	1845	6013	4217352	663223	193	12893	4217352	663600	33	12882	4229928	65	32	65
4	4216352	96286	1542	9374	4229928	65	32	65	4229928	65	32	65	4302704	62	28	60
5	4218136	612579	267	9384	4302704	62	28	60	4302704	62	28	60	4280312	27	27	27
6	4217632	888	164	73	4280312	27	27	27	4280312	27	27	27	4285168	88	22	88
7	4218160	185880	153	4721	4285168	88	22	88	4217576	6222	24	290	4217352	663600	13	12882
8	4217576	6349	105	305	4217632	928	19	50	4285168	88	22	88	4282648	15	6	15
9	4221952	503	93	73	4217576	6275	12	293	4217632	861	12	53	4219176	3494	5	93
10	4373272	115	93	3	4272112	16	6	16	4282648	15	6	15	4271512	18	4	16
11	4218096	2590	64	33	4282648	15	6	15	4219176	3494	5	93	4272112	15	4	15
12	4229928	65	32	65	4219176	3557	5	91	4271512	18	4	16	4290856	8	4	8
13	4302704	63	28	60	4217648	448	5	135	4272112	15	4	15	4221952	1080	2	84
14	4280312	27	27	27	4271512	18	4	16	4290856	8	4	8	4217632	861	2	53
15	4219216	404	26	268	4290856	7	4	7	4221952	1080	2	84	4320288	150	2	14
16	4223776	132830	25	330	4319312	163	3	22	4320288	150	2	14	4373272	115	2	3
17	4285168	89	22	89	4319216	84	3	8	4373272	115	2	3	4288288	7	2	6
18	4221568	30993	12	144	4310000	3	3	3	4288288	7	2	6	4328808	3	2	3
19	4279104	3081	11	641	4218136	612980	2	9433	4328808	3	2	3	4280480	2	2	2
20	4217648	448	10	154	4221952	1490	2	74	4280480	2	2	2	4223776	132935	1	342
21	4262264	142	9	111	4224240	171	2	11	4223776	132935	1	342	4253224	16862	1	1
22	4221752	7939	8	99	4320288	161	2	13	4253224	16862	1	1	4248488	8801	1	17
23	4219256	689	8	177	4318104	107	2	3	4248488	8801	1	17	4217576	6222	1	290
24	4271512	20	8	20	4317184	104	2	3	4219520	3147	1	82	4219520	3147	1	82
25	4277032	42217	7	785	4317944	101	2	1	4290504	1549	1	1	4290504	1549	1	1
26	4237264	4049	7	1237	4335024	96	2	1	4237176	780	1	30	4237176	780	1	30
27	4302712	112	6	104	4319296	57	2	6	4288040	260	1	1	4288040	260	1	1
28	4282648	15	6	15	4288288	7	2	6	4319312	164	1	19	4319312	164	1	19
29	4219176	3489	5	97	4272568	5	2	5	4318104	107	1	3	4318104	107	1	3
30	4254912	2053	5	378	4328808	3	2	3	4317184	104	1	3	4317184	104	1	3
31	4281368	9228	4	206	4291592	3	2	3	4317944	101	1	1	4319240	101	1	6
32	4279080	901	4	238	4280480	2	2	2	4319240	101	1	6	4317944	101	1	1
33	4217504	162	4	78	4223776	134000	1	351	4317768	101	1	1	4317768	101	1	1
34	4272112	13	4	11	4253224	16854	1	1	4335024	96	1	1	4335024	96	1	1
35	4290856	7	4	7	4248488	8790	1	20	4373024	91	1	6	4373024	91	1	6
36	4279096	3511	3	962	4219520	3140	1	80	4320360	58	1	3	4320360	58	1	3
37	4280928	512	3	187	4290504	1548	1	1	4319296	57	1	6	4319296	57	1	6
38	4317184	104	3	3	4237176	832	1	25	4315280	10	1	1	4315280	10	1	1
39	4271456	5	3	5	4219256	708	1	175	4271992	7	1	7	4271992	7	1	7
40	4220552	63662	2	234	4219216	418	1	277	4324704	6	1	5	4324704	6	1	5
41	4217456	18691	2	586	4288040	215	1	1	4272568	5	1	5	4272568	5	1	5
42	4219304	11561	2	966	4217504	152	1	81	4310000	3	1	2	4310000	3	1	2
43	4221864	10975	2	78	4373272	114	1	2	4340912	2	1	2	4338416	2	1	1
44	4248488	8789	2	18	4319240	101	1	6	4338416	2	1	1	4310208	2	1	1
45	4217544	736	2	83	4317768	101	1	1	4310320	2	1	1	4340912	2	1	2
46	4319312	133	2	18	4373024	91	1	6	4310264	2	1	1	4310264	2	1	1
47	4335024	96	2	1	4320360	63	1	3	4310320	2	1	1	4310320	2	1	1
48	4279872	30	2	28	4320136	37	1	7	4274336	2	1	2	4274336	2	1	2
49	4279816	21	2	17	4315280	11	1	1	4274064	1	1	1	4309696	1	1	1
50	4320080	11	2	7	4271992	7	1	7	4309696	1	1	1	4279944	1	1	1
51	4288288	8	2	7	4324704	5	1	4	4229888	1	1	1	4274064	1	1	1
52	4291592	3	2	3	4309968	4	1	4	4233720	1	1	1	4233720	1	1	1
53	4328808	3	2	3	4310320	2	1	1	4233712	1	1	1	4233712	1	1	1
54	4280480	2	2	2	4340912	2	1	2	4229952	1	1	1	4229952	1	1	1
55	4219552	26412	1	888	4310208	2	1	1	4274168	1	1	1	4229888	1	1	1
56	4253224	16855	1	1	4338416	2	1	1	4282848	1	1	1	4274168	1	1	1
57	4277280	16732	1	101	4310264	2	1	1	4285784	1	1	1	4285784	1	1	1
58	4217160	10325	1	365	4274336	2	1	2	4281248	1	1	1	4282848	1	1	1
59	4276968	4989	1	36	4271456	2	1	2	4279944	1	1	1	4281248	1	1	1
60	4219520	3153	1	83	4229888	1	1	1	4274272	1	1	1	4274272	1	1	1
61	4217736	2242	1	484	4286024	1	1	1	4194624	1	1	1	4194624	1	1	1
62	4290504	1533	1	1	4274168	1	1	1	4340816	1	1	1	4279808	1	1	1
63	4237176	828	1	41	4274272	1	1	1	4313128	1	1	1	4271992	1	1	1
64	4224800	786	1	255	4274064	1	1	1	4328760	1	1	1	4328760	1	1	1
Total L1 Misses	2469037			Total L1 Misses	2474553			Total L1 Misses	2476303			Total L1 Misses	2476303			Total L1 Misses
Total L2 Misses	14278			Total L2 Misses	1673			Total L2 Misses	427			Total L2 Misses	363			Total L2 Misses
Total EAs	1626			Total EAs	1620			Total EAs	1626			Total EAs	1626			Total EAs
Total EAs (Miss)	386			Total EAs (Miss)	377			Total EAs (Miss)	382			Total EAs (Miss)	382			Total EAs (Miss)
Total EAs (Hit)	1240			Total EAs (Hit)	1243			Total EAs (Hit)	1244			Total EAs (Hit)	1244			Total EAs (Hit)
Only 1 EA	3			Only 1 EA	16			Only 1 EA	27			Only 1 EA	27			Only 1 EA
Only 2 EA	4			Only 2 EA	21			Only 2 EA	31			Only 2 EA	31			Only 2 EA
Only 3 EA	8			Only 3 EA	27			Only 3 EA	36			Only 3 EA	36			Only 3 EA
Only 4 EA	8			Only 4 EA	29			Only 4 EA	36			Only 4 EA	36			Only 4 EA

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4217352	520775	2723	8810	4226040	7855	271	2038	4219240	60831	105	516	4219240	60831	105	516
2	4219240	60407	2506	503	4219240	61130	133	493	4226040	1235	72	621	4226040	1235	66	621
3	4216352	128454	1697	10364	4217352	521106	50	8822	4229928	64	32	64	4229928	64	32	64
4	4226040	7845	460	2699	4229928	64	32	64	4280312	32	32	32	4280312	32	32	32
5	4221952	484	133	40	4280312	32	32	32	4302704	50	28	50	4302704	50	28	50
6	4373272	93	93	2	4302704	50	28	50	4285168	45	22	45	4285168	45	22	45
7	4218136	713226	70	11608	4285168	45	22	45	4217352	520047	14	8743	4217352	520047	10	8743
8	4218160	286756	59	5337	4217576	2518	8	123	4217576	2042	9	128	4217576	2042	7	128
9	4217576	2233	49	124	4217632	1191	8	22	4282648	14	6	14	4282648	14	6	14
10	4217632	1239	49	30	4219176	3351	7	45	4219176	3302	4	40	4219176	3302	4	40
11	4229928	64	32	64	4282648	14	6	14	4290856	8	4	8	4290856	8	4	8
12	4280312	32	32	32	4271512	8	5	8	4271512	7	4	7	4271512	7	4	7
13	4302704	50	28	50	4272112	7	5	7	4217632	1423	3	24	4320136	96	3	16
14	4219256	228	22	42	4290856	7	4	7	4320136	96	3	16	4272112	6	3	6
15	4285168	45	22	45	4373272	92	3	1	4272112	6	3	6	4280480	3	3	3
16	4219216	47	17	28	4320136	91	3	17	4280480	3	3	3	4221952	648	2	43
17	4220552	188	15	50	4302712	22	3	22	4221952	648	2	43	4318104	94	2	3
18	4279104	2973	13	1034	4280480	3	3	3	4318104	94	2	3	4373272	94	2	3
19	4217648	415	12	60	4219520	2903	2	40	4373272	94	2	3	4254960	38	2	3
20	4277032	3398	8	973	4221952	497	2	46	4254960	38	2	3	4288288	6	2	6
21	4302712	22	6	22	4319312	158	2	17	4288288	6	2	6	4328808	3	2	3
22	4282648	14	6	14	4335024	95	2	1	4328808	3	2	3	4310000	2	2	2
23	4219176	3316	5	47	4317184	94	2	3	4313848	2	2	2	4313848	2	2	2
24	4271512	7	5	7	4318104	93	2	3	4310000	2	2	2	4218136	713822	1	11592
25	4237264	3703	4	1538	4254960	50	2	3	4218136	713822	1	11592	4219520	2905	1	38
26	4279080	1074	4	408	4288288	6	2	6	4219520	2905	1	38	4248488	2902	1	19
27	4290856	7	4	7	4328808	3	2	3	4248488	2902	1	19	4237176	1500	1	29
28	4217456	10571	3	309	4291592	3	2	3	4237176	1500	1	29	4253224	1451	1	1
29	4217736	3855	3	229	4272568	3	2	3	4253224	1451	1	1	4217632	1423	1	24
30	4317184	94	3	3	4310208	2	2	1	4290504	1335	1	1	4290504	1335	1	1
31	4320472	24	3	15	4218136	714058	1	11642	4276792	105	1	32	4276792	105	1	32
32	4272112	5	3	5	4248488	2897	1	17	4319216	102	1	6	4319216	102	1	6
33	4280480	3	3	3	4253224	1455	1	1	4335024	94	1	1	4335024	94	1	1
34	4217160	3934	2	222	4290504	1378	1	1	4317184	94	1	3	4317184	94	1	3
35	4218096	3271	2	39	4237176	874	1	27	4317944	94	1	1	4317944	94	1	1
36	4248488	2894	2	18	4217648	356	1	45	4373024	92	1	5	4319240	92	1	1
37	4319312	170	2	20	4317944	94	1	1	4319240	92	1	1	4317768	92	1	1
38	4262264	102	2	98	4373024	92	1	5	4317768	92	1	1	4373024	92	1	5
39	4320136	101	2	16	4319240	92	1	1	4315280	70	1	1	4315280	70	1	1
40	4335024	94	2	1	4317768	92	1	1	4288040	20	1	1	4288040	20	1	1
41	4318104	91	2	3	4319216	80	1	6	4271992	14	1	14	4271992	14	1	14
42	4254960	54	2	3	4288040	75	1	1	4319296	14	1	4	4319296	14	1	4
43	4319296	47	2	7	4315280	35	1	1	4324720	6	1	4	4324720	6	1	4
44	4288288	6	2	6	4319296	19	1	5	4234288	5	1	1	4234288	5	1	1
45	4309968	4	2	3	4324704	4	1	3	4324704	4	1	3	4324704	4	1	3
46	4328808	3	2	3	4324720	3	1	2	4272568	3	1	3	4272568	3	1	3
47	4219520	2900	1	37	4310320	2	1	1	4340912	2	1	2	4340912	2	1	2
48	4253224	1451	1	1	4286024	2	1	1	4338416	2	1	1	4338416	2	1	1
49	4254840	1437	1	1	4310264	2	1	1	4310264	2	1	1	4310264	2	1	1
50	4221568	1420	1	31	4274336	2	1	2	4310320	2	1	1	4310320	2	1	1
51	4290504	1375	1	1	4340912	2	1	2	4310208	2	1	1	4310208	2	1	1
52	4237176	1105	1	25	4338416	2	1	1	4274336	2	1	2	4274336	2	1	2
53	4217504	138	1	27	4229952	1	1	1	4285784	1	1	1	4285784	1	1	1
54	4317944	94	1	1	4229888	1	1	1	4274168	1	1	1	4274064	1	1	1
55	4373024	92	1	5	4292144	1	1	1	4233720	1	1	1	4233720	1	1	1
56	4317768	92	1	1	4274064	1	1	1	4229888	1	1	1	4233712	1	1	1
57	4319240	92	1	1	4274168	1	1	1	4233712	1	1	1	4229952	1	1	1
58	4319216	74	1	8	4279944	1	1	1	4229952	1	1	1	4229888	1	1	1
59	4217416	38	1	25	4274272	1	1	1	4274168	1	1	1	4274168	1	1	1
60	4288040	31	1	1	4282848	1	1	1	4274272	1	1	1	4274272	1	1	1
61	4315280	28	1	1	4233720	1	1	1	4279944	1	1	1	4279944	1	1	1
62	4279808	17	1	17	4233712	1	1	1	4282848	1	1	1	4282848	1	1	1
63	4271992	13	1	13	4285784	1	1	1	4194624	1	1	1	4194624	1	1	1
64	4279872	13	1	13	4194624	1	1	1	4313128	1	1	1	4313128	1	1	1
Total L1 Misses	185118			Total L1 Misses	1868837			Total L1 Misses	1858996			Total L1 Misses	1858996			Total L1 Misses
Total L2 Misses	8172			Total L2 Misses	692			Total L2 Misses	408			Total L2 Misses	394			Total L2 Misses
Total EAs	1610			Total EAs	1604			Total EAs	1605			Total EAs	1605			Total EAs
Total EAs (Miss)	412			Total EAs (Miss)	405			Total EAs (Miss)	415			Total EAs (Miss)	415			Total EAs (Miss)
Total EAs (Hit)	1198			Total EAs (Hit)	1199			Total EAs (Hit)	1190			Total EAs (Hit)	1190			Total EAs (Hit)
Only 1 EA	9			Only 1 EA	26			Only 1 EA	25			Only 1 EA	25			Only 1 EA
Only 2 EA	10			Only 2 EA	29			Only 2 EA	29			Only 2 EA	29			Only 2 EA
Only 3 EA	16			Only 3 EA	37			Only 3 EA	37			Only 3 EA	37			Only 3 EA
Only 4 EA	16			Only 4 EA	37			Only 4 EA	39			Only 4 EA	39			Only 4 EA

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4356024	334655	137099	10466	4356024	334694	138955	10298	4356024	341828	43754	11567	4356024	343024	27535	11435	4356024	285979	137932	6437	4356024	285786	140353	6237	4356024	291797	43150	7097	4356024	292484	26540	7050
2	4368368	259223	84860	115108	4368368	259165	110717	114078	4356016	165270	14977	5787	4356016	163851	9193	5708	4368368	231125	104438	99670	4368368	231125	110438	99670	4356016	105418	15068	3067	4356016	104306	10162	3031
3	4356016	172244	50750	5413	4356016	172358	51791	5348	4254016	112998	5352	27686	4356008	56001	1886	2853	4356016	111376	50301	2783	4356016	111401	51183	2689	4254016	42817	5279	9875	4254016	42835	1646	9457
4	4254016	107752	22005	26576	4254016	107790	22126	26335	4368368	259323	3173	117859	4254016	114067	1684	26853	4254016	43105	21834	10302	4254016	43064	21927	10399	4368368	231134	3066	102797	4356008	23766	1625	1156
5	4356008	56232	8743	2723	4356008	56066	8881	2652	4356008	55641	2558	2910	4207992	3767	1585	3767	4356008	23331	8078	1118	4356008	23494	8501	1084	4356008	23302	2713	1160	4207992	3172	1585	3172
6	4443048	42420	7601	21499	4443048	42478	7754	21492	4207992	3767	1585	3767	4252728	2431	587	72	4443048	20366	7516	8651	4443048	20386	7762	8685	4207992	3172	1585	3172	4252728	2430	590	62
7	4520584	8702	4964	434	4520584	8713	5029	403	4368576	72802	776	12543	4254472	35843	531	562	4520584	8756	4970	434	4520584	8756	5064	445	4253976	2679	763	415	4254472	1746	526	152
8	4254032	45911	4747	13236	4254032	45948	4061	13083	4253976	3693	774	597	4425832	1922	309	84	4254032	43180	4416	10346	4254032	43116	3959	10434	4443048	20393	676	8720	4425832	1152	309	50
9	4368576	74692	2410	13124	4372216	11755	2082	3865	4443048	42510	708	21453	4313840	1024	295	129	4372216	7397	2387	2657	4372216	7399	2140	2660	4368576	35344	609	8129	4313840	1024	295	122
10	4372216	11770	2324	3929	4207992	3767	1585	3767	4313840	1024	507	122	4368576	72608	290	12250	4368576	36179	1869	8538	4207992	3172	1585	3172	4477464	1756	507	94	4315376	1024	256	47
11	4371288	24147	1871	5482	4252728	2431	1274	43	4254472	36367	502	587	4315376	1024	256	40	4371288	12757	1605	4193	4252728	2430	1275	44	4313840	1024	507	130	4532192	1285	230	67
12	4207992	3767	1585	3767	4253976	3708	1163	555	4477464	2664	461	249	4532192	1308	247	84	4207992	3172	1585	3172	4253976	2671	1149	385	4254472	1735	500	161	4532096	512	229	43
13	4376568	1068004	1411	2939	4254472	38276	1061	620	4376568	1067887	341	2993	4532096	513	221	45	4376568	19179	1368	635	4254472	1742	1070	142	4425832	1152	295	55	4368576	35417	205	8157
14	4252728	2431	1275	42	4477464	2692	992	238	4446112	49725	308	2472	4561136	201	165	199	4252728	2430	1275	42	4477464	1727	1019	93	4446112	9617	267	1677	4561136	211	164	186
15	4253976	3672	1153	540	4355920	16515	910	1206	4425832	1927	295	95	4446112	49992	164	2435	4253976	2665	1147	391	4355920	13819	893	1088	4376568	19212	258	622	4314288	1026	151	138
16	4254472	38414	1073	607	4368576	75068	761	13047	4314288	1028	252	161	4368592	59447	162	11587	4254472	1714	1051	164	4531096	1287	745	62	4314288	1026	252	156	4446112	9643	131	1562
17	4355920	16494	1010	1223	4531096	1274	747	52	4315376	1024	252	42	4314288	1028	151	140	4477464	1773	1023	103	4368128	3886	727	1539	4315376	1024	252	48	4368592	12033	126	4854
18	4376176	348608	988	34075	4368128	14223	739	5263	4532192	1292	224	88	4499328	264	93	24	4355920	13851	995	1107	4425832	1152	640	38	4532192	1308	236	70	4508048	325	84	23
19	4477464	2687	972	242	4425832	1922	640	62	4325464	820	196	63	4508048	445	71	33	4356064	175867	908	20327	4313840	1024	640	124	4325464	531	187	43	4498008	408	72	28
20	4356064	182864	906	20283	4313840	1024	640	120	4561136	194	168	193	4376568	1067855	68	2943	4531096	1291	764	64	4368576	36427	625	8636	4363960	33068	185	27	4499328	97	68	17
21	4531096	1240	720	57	4376568	1067778	577	2939	4532096	515	167	44	4533904	129	65	1	4376176	241241	744	21193	4560832	769	575	37	4561136	205	168	189	4533904	128	65	1
22	4368128	14226	712	5358	4560832	1140	575	50	4368592	59534	161	11726	4315928	256	64	13	4356072	262212	661	25784	4376568	19207	513	618	4532096	507	165	42	4315928	256	64	8
23	4446112	49763	701	2473	4371288	24066	518	5431	4369960	18566	161	83	4390944	128	64	1	4446112	9593	658	1595	4314288	1025	512	119	4495664	552	160	140	4390944	128	64	1
24	4356072	301592	670	27129	4314288	1026	512	133	4495664	555	159	149	4317000	126	64	5	4425832	1152	640	38	4315376	1024	512	26	4368592	12003	149	4749	4317008	642	63	22
25	4371112	185952	668	79021	4315376	1024	512	26	4497032	570	141	139	4317008	640	63	22	4313840	1024	640	125	4497440	590	503	96	4497032	520	139	114	4317000	125	63	5
26	4425832	1921	640	59	4446112	49530	510	2549	4532720	268	132	1	4495664	556	62	148	4368128	3874	614	1574	4532192	1456	499	68	4532720	384	132	1	4495664	554	62	143
27	4313840	1024	640	110	4532192	1465	510	98	4501288	396	130	1	4254272	478	57	130	4560832	769	563	38	4446112	9586	478	1657	4501288	384	130	1	4445368	5935	54	295
28	4560832	1140	564	50	4497440	528	510	93	4564232	129	128	1	4368400	4242	56	1167	4254000	2563	554	371	4371288	12701	468	4145	4309392	128	128	1	4368400	1848	54	621
29	4356136	315725	517	29437	4495664	568	451	153	4309392	128	128	1	4445368	42170	55	644	4356136	297058	513	29065	4495664	572	460	144	4564232	128	128	1	4445424	5881	53	282
30	4314288	1025	512	122	4405544	837	411	104	4528808	139	127	1	4445424	65906	53	679	4314288	1025	512	120	4254000	2560	423	360	4257920	128	127	1	4254272	143	53	45
31	4315376	1024	512	26	4501448	656	389	52	4257920	128	127	1	4498008	430	50	30	4315376	1024	512	26	4405544	837	415	99	4528808	127	127	1	4444048	7848	50	1058
32	4368592	60179	499	12001	4500528	655	384	9	4501448	658	120	60	4485960	1375	42	397	4532192	1456	501	74	4501448	649	393	43	4501448	646	119	51	4497936	128	41	4
33	4532192	1464	494	95	4254000	3801	370	466	4407280	512	119	29	4352520	432	42	175	4445720	174593	495	69527	4500528	512	384	5	4407280	512	119	22	4352520	188	39	70
34	4376576	101118	486	19107	4487536	806	369	300	4480696	2043	118	74	4530824	97	41	37	4376576	28919	481	6895	4532096	410	353	31	4560832	769	118	36	4589800	436	37	24
35	4445720	152119	483	62474	4532096	399	342	42	4560832	1140	118	49	4500616	161	40	11	4495664	564	453	142	4487536	1129	344	372	4480696	391	118	11	4500616	165	37	12
36	4495664	559	446	150	4589800	301	297	20	4254048	9442	117	1	4376000	372570	36	2412	4368592	12293	404	4986	4589800	424	296	23	4254448	117	117	1	4530824	97	36	30
37	4356096	205881	427	24559	4368592	60311	281	12051	4500528	655	116	8	4419392	5507	32	103	4356096	178557	403	25008	4495736	334	286	124	4500528	512	116	5	4567744	129	35	13
38	4254000	3873	427	473	4495736	334	271	106	4477408	1560	114	185	4511864	71	32	1	4356232	287200	393	30886	4497032	541	257	103	4508048	354	116	29	4511888	30	30	1
39	4501448	656	389	53	4508048	521	262	26	4520456	170	112	1	4371288	24150	31	5412	4444048	7945	391	1151	4407280	512	256	18	4520456	448	110	1	4511864	50	29	1
40	4500528	655	384	9	4502584	643	256	48	4508048	477	111	28	4589800	302	30	22	4501448	645	389	44	4502584	384	256	42	4589800	434	109	22	4419392	87	25	1
41	4444048	8379	373	1246	4407280	512	256	23	4368400	4292	99	1162	4445488	131	30	62	4500528	513	385	18	4501288	384	256	1	4368400	1836	100	691	4445488	27	25	10
42	4532096	404	359	42	4498776	401	256	1	4589800	298	95	19	4561672	40	28	8	4532096	405	349	36	4498776	384	256	1	4257232	128	94	1	4371288	12748	23	4145
43	4405544	837	345	105	4501288	396	256	1	4418888	10283	93	128	4444048	8235	27	1116	4405544	837	345	104	4532720	384	256	1	4325528	109	93	9	4418784	162	21	20
44	4356232	313662	343	33221	4532720	268	256	1	4257232	128	91	1	4399864	158	27	86	4356224	187379	324	24093	4317000	256	256	5	4477408	1107	92	97	4520584	8725	20	479
45	4497440	522	305	94	4317000	256	256	5	4520584	8675	81	498	4368720	8260	26	449	4497440	594	311	98	4562976	272	245	1	4500616	139	82	12	4258008	153	20	8
46	4356224	124831	299	20771	4497816	384	252	1	4325528	205	81	17	4368408	2599	23	819	4497032	585	310	129	4508048	372	243	27	4520584	8728	81	511	4444824	6299	17	112
47	4495736	340	281	111	4562976	304	251	1	4500616	157	81	10	4444824	42376	22	597	4352352	2223	301	951	4480696	389	242	10	4562976	265	77	1	4493328	306	17	9
48	4589800	284	279	15	4498624	387	240	1	4419392	5516	73	99	4502656	61	21	8	4589800	423	295	20	4368592	12275	236	4992	4368592	149	74	13	4254448	128	17	1
49	4352352	2858	268	1197	4497032	582	237	140	4495920	236	72	30	4520584	8706	20	485	4363960	32922	285	27	4477408	1140	232	100	4495920	144	71	13	4432920	33	16	1
50	4502584	644	257	51	4477408	1516	218	181	4444824	42546	68	602	4567744	94	20	14	4445096	78570	276	28756	4498624	222	217	1	4251600	127	65	1	4257920	126	15	1
51	4498776	410	256	1	4325464	801	203	53	4562976	323	67	1	4511888	20	20	1	4495736	308	266	94	4325464	534	214	26	4254272	160	64	48	4561168	254	14	227
52	4501288	396	256	1	4487280	256	199	4	4445368	42150	66	639	4254448	9034	17	1	4498776	385	256	1	4497816	384	205	1	4317000	126	64	5	4418888	152	13	24
53	4532720	268	256	1	4480696	1883	198	67	4363960	35871	65	44	4499120	57	17	13	4501288	384	256	1	4487280	256	196	3	4480728	77	64	10	4508184	84	13	23
54	4317000	256	256	5	4496968	196	192	1	4251600	127	65	1	4419144	63	16	22	4532720	384	256	1	4496968	192	192	1	4498776	386	63	1	4497032	654	12	126
55	4369960	18579	251	64	4444048	8397	183	1247	4480728	1504	64	62	4368248	8231	15	1968	4502584	384	256	46	4497768	384	191	1	4315928	256	63	7	4499456	94	12	20
56	4407280	512	251	25	4561136	199	174	198	4254272	513	64	135	4493328	532	15	14	4508048	380	256	28	4477968	256	189	3	4445368	5930	62	285	4510648	20	12	19
57	4562976	313	251	1	4520456	185	169	1	4317000	126	64	5	4561168	254	15	238	4317000	256	256	5	4561136	210	175	194	4317008	641	62	18	4485920	204	11	64
58	4508048	502	248	25	4496160	185	165	50	4498776	407	63	1	4418888	10349	14	124	4368400	2171	255	659	4444048	7943	173	1144	4445424	5879	61	276	4564232	128	11	1
59	4477408	1508	236	191	4258008	158	158	10	4315928	256	63	9	4418784	8490	14	124	4407280	512	253	24	4258008	153	153	7	4258008	1408	60	1	4563872	16	11	12
60	4487536	806	236	299	4589552	344	156	32	4317008	639	62	18	4367336	3104	14	162	4562976	268	234	1	4368400	2199	151	665	4502584	384	60	43	4433008	5965	10	65
61	4445096	73991	235	29416	4497768	262	153	1	4445424	66067	61	691	4497032	595	14	154	4487536	1115	217	361	4520456	472	151	1	4353440	1675	59	25	4368408	1450	10	544
62	4368400	4624	234	1136	4477968	256	153	3	4258320	3842	60	1	4446656	115677	12	183	4477408	1088	216	95	4499536	218	149	35	4390944	128	59	1	4499536	198	10	34
63	4497032	574	229	144	4508064	456	151	68	4502584	643	60	52	4499536	182	12	36	4325464	530	210	26	4500616	144	144	10	4257128	129	57	1	4499088	127	10	27
64	4497816	384	207	1	4368400	4909	150	1169	4497440	527	59	89	4564232	129	12	1	4497816	384	209	1	4496160	147	139	39	4533816	128	57	1	4419144	19	10	17
Total L1 Misses	11243854			Total L1 Misses	11243041			Total L1 Misses	11239679			Total L1 Misses	11236310			Total L1 Misses	5567361			Total L1 Misses	5568220			Total L1 Misses	5565491			Total L1 Misses	5565748		
Total L2 Misses	368763			Total L2 Misses	383820			Total L2 Misses	83752			Total L2 Misses	47324			Total L2 Misses	365616			Total L2 Misses	383111			Total L2 Misses	82451			Total L2 Misses	46584		
Total EAs	4165			Total EAs	4165			Total EAs	4184			Total EAs	4167			Total EAs	4143			Total EAs	4144			Total EAs	4165			Total EAs	4154		
Total EAs (Miss)	1557			Total EAs (Miss)	1558			Total EAs (Miss)	1579			Total EAs (Miss)	1580			Total EAs (Miss)	1020			Total EAs (Miss)	1013			Total EAs (Miss)	1026			Total EAs (Miss)	1030		
Total EAs (Hit)	2608			Total EAs (Hit)	2607			Total EAs (Hit)	2605			Total EAs (Hit)	2587			Total EAs (Hit)	3123			Total EAs (Hit)	3131			Total EAs (Hit)	3139			Total EAs (Hit)	3124		
Only 1 EA	5			Only 1 EA	9			Only 1 EA	13			Only 1 EA	6			Only 1 EA	5			Only 1 EA	9			Only 1 EA	16			Only 1 EA	9		
Only 2 EA	5			Only 2 EA	9			Only 2 EA	13			Only 2 EA	6			Only 2 EA	5			Only 2 EA	9			Only 2 EA	16			Only 2 EA	9		
Only 3 EA	5			Only 3 EA	10			Only 3 EA	13			Only 3 EA	6			Only 3 EA	5			Only 3 EA	11			Only 3 EA	16			Only 3 EA	9		
Only 4 EA	5			Only 4 EA	11			Only 4 EA	13			Only 4 EA	6			Only 4 EA	5			Only 4 EA	11			Only 4 EA	16			Only 4 EA	10		

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4356024	294461	139187	9352	4356024	294423	141312	9198	4356024	299668	43850	10421	4356024	300991	27496	10353	4356024	276315	135946	4730	4356024	276140	138204	4543	4356024	279756	42214	5269	4356024	280172	26372	5253
2	4368368	235835	82741	104292	4368368	235899	104596	103371	4356016	132256	16668	5779	4356016	131275	10442	5725	4368368	229760	70465	100273	4368368	229760	100974	99307	4356016	124942	18442	2844	4356016	124537	11660	2824
3	4356016	137607	55300	5305	4356016	137722	56272	5200	4254016	42244	5250	9733	4254016	42146	1657	9240	4356016	128091	60618	2554	4356016	128186	61982	2414	4254016	41953	5264	9554	4254016	41870	1629	9184
4	4254016	42437	21831	10143	4254016	42491	21938	10238	4368368	235886	3120	106768	4207992	3320	1585	3320	4254016	42190	21823	10052	4254016	42185	21913	10018	4207992	3171	1585	3171	4207992	3171	1585	3171
5	4443048	29395	7580	12066	4443048	29378	7396	12150	4207992	3320	1585	3320	4252728	2430	593	60	4443048	15703	7367	4761	4443048	15707	7311	4685	4368368	229763	1101	102056	4252728	2429	592	61
6	4520584	8720	4996	407	4520584	8724	5063	414	4253976	2639	767	347	4254472	2098	519	226	4520584	8692	5001	418	4520584	8658	5022	418	4253976	1921	764	256	4254472	1707	523	183
7	4254032	42120	4272	10234	4254032	42151	4227	10359	4368576	40725	718	5787	4356008	14498	338	1844	4254032	41538	3717	9924	4254032	41535	2704	9937	4443048	15696	524	4690	4425832	1152	313	45
8	4372216	7754	2512	2861	4372216	7755	2299	2848	4443048	29390	657	12093	4425832	1152	308	51	4372216	7045	2684	2468	4372216	7050	2550	2469	4477464	2046	512	102	4313840	1024	299	99
9	4368576	42227	2133	6235	4356008	14724	2111	1805	4313840	1024	508	109	4313840	1024	298	112	4207992	3171	1585	3171	4207992	3171	1585	3171	4313840	1024	509	104	4315376	1024	256	49
10	4356008	14820	2057	1851	4207992	3320	1585	3320	4254472	2041	497	201	4315376	1024	255	48	4376568	10657	1505	503	4252728	2429	1275	42	4254472	1682	498	174	4532192	1295	241	69
11	4207992	3320	1585	3320	4252728	2430	1275	43	4477464	1720	490	172	4532192	1286	245	72	4368576	10145	1488	3598	4253976	1924	1155	264	4368576	9892	459	3420	4532096	509	227	36
12	4371288	9416	1502	3180	4253976	2633	1154	382	4356008	14771	423	1855	4532096	504	218	40	4252728	2429	1275	41	4254472	1707	1047	179	4425832	1152	298	49	4368576	9864	175	3351
13	4376568	26198	1403	1096	4254472	2044	1051	201	4376568	26208	319	1125	4368576	40738	210	5761	4356072	16117	1249	3778	4477464	1983	1013	84	4376568	10657	255	499	4561136	177	166	177
14	4252728	2430	1275	42	4477464	1745	1027	167	4425832	1152	295	59	4561136	183	166	183	4253976	1921	1154	249	4531096	1319	823	63	4314288	1025	252	133	4314288	1031	149	120
15	4253976	2632	1178	372	4531096	1273	773	52	4315376	1024	252	46	4368592	8263	154	3705	4371288	8976	1097	2777	4368128	832	709	277	4315376	1024	252	47	4368592	3456	127	1390
16	4254472	2062	1055	215	4368128	5069	726	1744	4314288	1026	251	143	4314288	1025	153	130	4254472	1724	1061	185	4355920	2579	673	194	4532192	1297	232	69	4508048	194	78	17
17	4477464	1717	1008	170	4368576	42618	653	6198	4446112	15503	231	1602	4446112	15504	95	1579	4477464	1979	1014	99	4368576	10213	656	3626	4446112	3640	198	763	4446112	3646	74	763
18	4356064	19092	924	5019	4425832	1152	640	37	4532192	1280	224	79	4508048	198	93	16	4356232	17374	997	4980	4425832	1152	640	30	4325464	462	182	38	4498008	406	69	36
19	4376176	50449	794	11982	4313840	1024	640	99	4325464	481	183	45	4498008	425	75	35	4356064	9399	976	2505	4313840	1024	640	81	4532096	505	173	38	4499328	97	66	16
20	4531096	1252	749	62	4376568	26206	619	1109	4561136	181	167	181	4376568	26178	67	1103	4531096	1334	838	65	4356008	1392	533	148	4561136	177	169	177	4390944	128	65	1
21	4368128	5077	711	1772	4254000	2328	579	275	4368592	8239	166	3672	4254272	145	66	51	4446112	3645	656	794	4560832	577	530	20	4368592	3471	158	1436	4317000	127	65	5
22	4356072	33143	692	5520	4560832	694	575	38	4532096	510	166	41	4390944	128	65	1	4425832	1152	640	32	4376568	10657	516	482	4495664	553	157	144	4315928	256	64	8
23	4446112	15522	676	1643	4315376	1024	512	26	4369960	9894	160	60	4315928	256	64	10	4313840	1024	640	92	4315376	1024	512	26	4497032	617	147	129	4317008	639	63	20
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25	4313840	1024	640	92	4532192	1449	496	78	4497032	608	133	123	4317008	637	63	22	4368128	832	585	297	4532192	1467	503	75	4501288	256	132	1	4495664	554	62	140
26	4560832	694	578	40	4446112	15505	436	1625	4532720	258	132	1	4495664	554	62	143	4560832	577	577	22	4254000	1546	462	202	4309392	128	128	1	4497936	128	60	5
27	4371112	66732	556	28201	4495664	557	435	145	4501288	385	131	1	4499328	98	56	12	4254000	1546	525	199	4495664	554	417	142	4564232	128	128	1	4445368	1392	55	131
28	4356136	33633	519	5416	4497440	518	426	95	4564232	128	128	1	4368400	903	54	363	4314288	1026	512	115	4446112	3649	410	795	4257920	128	127	1	4445424	1220	55	131
29	4314288	1027	512	121	4405544	836	411	96	4309392	128	128	1	4445424	5086	53	266	4315376	1024	512	26	4497440	524	393	95	4528808	127	127	1	4368400	538	54	266
30	4315376	1024	512	25	4501448	651	392	40	4528808	131	127	1	4445368	3359	53	283	4532192	1453	497	74	4501448	520	392	36	4480696	257	119	2	4567744	139	44	8
31	4445720	45587	504	18838	4500528	520	384	9	4257920	128	127	1	4399864	133	40	63	4356008	1336	459	142	4500528	512	384	5	4560832	577	118	17	4419392	85	41	1
32	4532192	1457	500	77	4355920	8391	375	865	4480696	263	120	5	4485960	725	39	220	4445720	9000	448	4365	4532096	400	350	32	4501448	516	117	39	4500616	179	40	12
33	4254000	2334	486	278	4532096	411	351	33	4407280	512	119	26	4589800	318	39	23	4495664	561	447	145	4405544	837	346	98	4407280	512	117	26	4352520	131	38	50
34	4368592	8535	485	3885	4487536	508	334	196	4560832	694	118	37	4352520	205	38	89	4356136	8198	404	2314	4589800	306	306	19	4500528	512	117	5	4511888	35	34	1
35	4376576	15594	471	5610	4589800	312	310	18	4501448	648	118	58	4530824	53	35	10	4501448	525	398	33	4487536	487	293	181	4508048	232	117	20	4589800	296	33	17
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37	4495664	563	449	147	4371288	9437	284	3170	4520456	161	118	1	4511864	42	33	1	4500528	512	384	5	4500584	257	256	10	4254448	116	116	1	4530824	58	29	20
38	4355920	8405	445	916	4368592	8565	267	3836	4500528	521	117	10	4419392	379	32	25	4368592	3587	361	1545	4317000	256	256	5	4520584	8672	109	494	4508184	107	26	18
39	4501448	654	397	47	4498776	389	256	1	4254448	117	117	1	4500616	160	32	12	4532096	405	351	37	4498776	256	256	1	4363960	1389	105	21	4258008	158	25	8
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41	4356096	77763	381	7741	4532720	258	256	1	4368400	918	100	372	4520584	8721	24	474	4356096	8286	343	2283	4532720	256	256	1	4368400	533	100	260	4493328	279	21	7
42	4356224	20509	379	5873	4502584	257	256	10	4477408	1325	99	116	4368720	930	23	148	4405544	837	340	92	4497768	256	254	1	4589800	289	98	12	4533904	128	20	1
43	4532096	403	356	35	4317000	256	256	5	4325528	113	95	9	4561672	32	21	13	4497440	514	306	93	4480696	257	253	2	4325528	114	98	9	4254448	128	19	1
44	4405544	838	345	101	4497768	256	255	1	4257232	128	92	1	4418784	267	20	27	4589800	304	304	23	4508048	244	243	18	4500616	174	96	13	4477464	2014	18	102
45	4497032	670	335	131	4480696	263	251	7	4520584	8688	84	497	4533904	128	20	1	4445424	1228	302	126	4368592	3599	237	1532	4257232	128	92	1	4257920	128	17	1
46	4497440	515	304	92	4407280	512	249	22	4562976	238	77	1	4493328	532	18	12	4497032	654	257	127	4562976	228	228	1	4562976	224	83	1	4356008	1076	16	138
47	4589800	302	300	20	4508048	239	237	13	4500616	144	77	12	4497936	125	18	4	4502584	257	256	11	4325464	461	205	28	4353904	1393	77	49	4564232	128	15	1
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51	4497816	384	256	1	4497816	384	203	1	4317000	126	64	5	4564232	128	15	1	4532720	256	256	1	4498624	261	189	1	4498776	256	64	1	4499536	139	13	31
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57	4369960	9901	251	42	4495736	249	162	116	4445424	5083	61	252	4376600	6138	11	895	4353904	1355	239	54	4258008	156	156	8	4445424	1243	62	121	4500528	512	11	6
58	4368400	1496	251	375	4520456	162	157	1	4258320	869	60	1	4485920	288	11	66	4508048	228	225	24	4499536	192	154	27	4317008	639	62	19	4368408	239	11	137
59	4407280	512	250	23	4589552	304	155	26	4502584	257	60	16	4561168	211	11	211	4487536	463	223	163	4369400	573	148	270	4356008	1067	60	144	4399864	23	11	16
60	4445096	22579	244	11585	4258008	154	154	9	4390944	128	59	1	4499120	63	11	10	4562976	230	216	1	4495736	252	139	126	4502584	257	60	15	4499088	102	9	23
61	4353896	2725	241	694	4368400	1607	148	372	4257128	128	57	1	4563872	11	11	6	4496160	218	209	40	4258320	142	137	1	4258320	142	60	1	4352360	86	9	5
62	4508048	239	238	18	4496160	154	144	39	4533816	128	56	1	4497032	671	10	131	4255288	21262	208	1327	4496032	137	136	3	4390944	128	60	1	4502656	29	9	4
63	4562976	238	227	1	4487280	256	137	3	4493080	83	56	1	4500528	520	10	8	4325464	464	208	28	4371288	8970	129	2740	4419392	84	58	1	4513376	9	8	1
64	4352352	1039	226	428	4496032	163	136	5	4257504	128	55	1	4251600	127	10	1	4497816	384	203	1	4445368	1390	129	138	4533816	128	57	1	4497032	726	7	142
Total L1 Misses	3590856			Total L1 Misses	3591172			Total L1 Misses	3586191			Total L1 Misses	3587212			Total L1 Misses	1137057			Total L1 Misses	1136968			Total L1 Misses	1135091			Total L1 Misses	1134924		
Total L2 Misses	365023			Total L2 Misses	376164			Total L2 Misses	82544			Total L2 Misses	46564			Total L2 Misses	349839			Total L2 Misses	371452			Total L2 Misses	79596			Total L2 Misses	46111		
Total EAs	4159			Total EAs	4152			Total EAs	4161			Total EAs	4160			Total EAs	4127			Total EAs	4123			Total EAs	4139			Total EAs	4138		
Total EAs (Miss)	1255			Total EAs (Miss)	1266			Total EAs (Miss)	1249			Total EAs (Miss)	1257			Total EAs (Miss)	632			Total EAs (Miss)	635			Total EAs (Miss)	632			Total EAs (Miss)	632		
Total EAs (Hit)	2904			Total EAs (Hit)	2886			Total EAs (Hit)	2912			Total EAs (Hit)	2903			Total EAs (Hit)	3495			Total EAs (Hit)	3488			Total EAs (Hit)	3507			Total EAs (Hit)	3506		
Only 1 EA	6			Only 1 EA	9			Only 1 EA	18			Only 1 EA	8			Only 1 EA	6			Only 1 EA	10			Only 1 EA	16			Only 1 EA	12		
Only 2 EA	6			Only 2 EA	9			Only 2 EA	18			Only 2 EA	8			Only 2 EA	6			Only 2 EA	11			Only 2 EA	17			Only 2 EA	12		
Only 3 EA	6			Only 3 EA	10			Only 3 EA	18			Only 3 EA	9			Only 3 EA	6			Only 3 EA	12			Only 3 EA	17			Only 3 EA	12		
Only 4 EA	6			Only 4 EA	10			Only 4 EA	18			Only 4 EA	10			Only 4 EA	6			Only 4 EA	12			Only 4 EA	18			Only 4 EA	14		

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4450480	20363	2439	5045	4569112	1832	543	1775	4456192	1550	342	1550	4456192	1546	342	1546	4450480	19949	2328	4846	4569112	1739	525	1698	4456192	800	342	800	4456192	803	342	803
2	4454544	5039	839	1484	4566744	1971	457	1736	4214936	1344	225	89	4571584	335	60	276	4454544	5846	855	1972	4566744	1957	468	1736	4214936	1380	214	48	4571584	277	58	234
3	4215224	3196	632	1026	4569136	1481	453	1413	4571584	339	67	282	4571768	307	29	246	4371720	3273	675	136	4569136	1437	449	1393	4571584	278	74	234	4571768	228	29	187
4	4359152	6266	631	395	4456192	1553	344	1553	4566744	2054	66	1837	4571448	261	28	206	4215224	3814	618	1069	4456192	803	344	803	4566744	2155	73	1906	4571448	306	26	239
5	4196784	5394	590	1556	4566704	402	280	374	4566704	298	34	280	4573040	248	23	205	4566744	2010	542	1765	4566704	361	244	337	4571912	79	30	49	4573040	180	23	161
6	4454576	5739	524	2355	4566656	2215	155	2029	4573040	244	30	199	4590032	35	23	35	4359152	4288	523	207	4566656	2288	134	2066	4571448	311	29	241	4590032	35	23	35
7	4566744	1956	514	1759	4571584	331	76	274	4566656	2216	28	2039	4589832	372	22	131	4196784	4466	522	1185	4214936	1388	78	54	4573040	180	28	157	4589960	93	17	69
8	4569112	1809	481	1742	4214936	1343	56	96	4571768	319	28	256	4589960	300	17	124	4569112	1789	476	1742	4571584	269	71	233	4571768	233	27	193	4571616	182	16	145
9	4214928	2391	441	1047	4571448	255	47	195	4571448	259	28	203	4571616	214	17	174	4339856	6644	469	102	4198952	16421	43	341	4589960	129	23	64	4572744	49	15	42
10	4569136	1514	396	1459	4198952	22521	43	490	4589960	358	24	129	4572744	50	14	38	4214928	2843	430	1026	4571448	298	42	237	4590032	35	23	35	4573208	110	13	98
11	4456192	1549	346	1549	4589832	345	41	136	4590032	35	23	35	4573208	169	13	143	4569136	1388	359	1337	4566688	103	41	92	4566704	186	22	173	4572504	118	12	98
12	4566656	2223	326	2044	4571768	316	40	251	4589952	1578	22	107	4589952	1680	12	109	4456192	796	345	796	4571768	229	38	187	4571616	189	21	154	4484416	195	9	149
13	4339856	6804	298	214	4566672	496	35	472	4589832	394	22	157	4572504	239	12	160	4454576	2957	323	1736	4573040	181	36	162	4572504	114	21	94	4573072	135	8	103
14	4444944	1654	265	185	4573040	255	35	207	4571912	84	21	55	4484416	443	10	255	4566656	2284	279	2069	4566672	500	32	472	4573208	114	18	99	4240528	50	8	44
15	4566704	381	260	356	4364720	1696	32	109	4571616	214	20	183	4344400	37287	8	603	4215256	3184	253	534	4572504	117	29	98	4572744	45	16	39	4344400	13194	7	310
16	4214936	1344	247	99	4338184	14178	30	349	4572504	244	18	171	4572920	281	8	177	4214936	1377	246	48	4338184	13784	28	324	4572920	123	14	87	4572920	122	7	90
17	4215288	2675	214	323	4589952	1676	30	102	4573208	172	18	151	4573072	170	8	112	4194984	2137	207	708	4589960	144	24	71	4571856	23	13	1	4604784	25	7	16
18	4215256	3900	167	693	4566688	91	28	85	4572920	272	16	175	4240528	40	8	37	4444944	2057	189	181	4571616	184	23	148	4566656	2282	12	2063	4589952	769	6	34
19	4194984	3331	154	1227	4339320	13326	26	291	4572744	57	14	51	4604784	24	7	16	4197536	1185	188	121	4593032	35	23	35	4484416	198	12	140	4572624	76	5	52
20	4571584	335	106	289	4571616	210	25	172	4484416	454	12	262	4592392	21	6	19	4566704	294	183	276	4339320	9446	21	271	4344400	13175	11	259	4214936	1391	4	55
21	4197536	856	104	93	4589960	279	24	126	4571856	41	12	1	4571912	81	5	51	4571584	273	101	228	4573208	112	20	100	4240528	49	10	39	4573120	70	4	50
22	4637536	4934	98	1422	4593032	35	23	35	4571936	23	12	13	4632240	5250	4	75	4215288	2011	95	271	4572744	50	19	44	4589952	814	9	33	4571912	61	4	40
23	4572504	249	86	175	4572920	287	21	172	4344400	37508	10	598	4214936	1344	4	87	4572504	118	65	104	4338152	4659	18	194	4572624	82	9	62	4572776	35	4	32
24	4448080	743	80	173	4573208	165	20	144	4240528	40	10	37	4572624	175	4	112	4571768	230	59	190	4572920	121	18	92	4604784	25	9	16	4592392	17	4	14
25	4589832	375	76	144	4572504	242	19	162	4604784	26	10	18	4573120	128	4	77	4572920	112	55	87	4338128	10202	16	260	4573072	130	8	95	4543096	9	4	8
26	4589952	1472	73	98	4338152	5555	18	255	4560536	11	10	11	4572776	34	4	27	4566672	516	53	487	4344400	13236	14	327	4566688	79	8	66	4632240	3409	3	33
27	4632272	9878	69	2745	4215288	2627	17	336	4573072	170	8	115	4543096	10	4	9	4573040	186	44	162	4573072	134	14	106	4571888	18	7	1	4375712	18	3	14
28	4572920	284	66	185	4572744	52	17	43	4573120	138	7	78	4201120	24927	3	211	4571448	309	43	242	4571912	72	13	46	4573120	74	5	50	4422872	14	3	8
29	4454400	709	59	321	4338128	7509	16	330	4339320	13235	6	278	4588704	16621	3	3251	4566688	97	43	81	4339856	5817	12	97	4592392	16	5	13	4650232	5	3	5
30	4571768	302	57	237	4573072	175	15	124	4569136	1430	6	1381	4338400	15857	3	359	4198952	16507	42	339	4484416	187	12	139	4571936	12	5	6	4649688	3	3	3
31	4566672	537	52	510	4344400	37308	14	611	4572624	200	6	131	4207992	2435	3	12	4202048	941	41	35	4572624	69	12	49	4339320	9490	4	280	4659368	3	3	3
32	4202048	1855	48	105	4484416	441	13	258	4571888	39	6	1	4277784	1467	3	32	4571616	187	39	152	4626408	854	11	42	4632240	3428	4	39	4338400	5877	2	115
33	4448040	437	46	147	4571912	73	12	55	4592392	26	6	22	4375712	486	3	129	4454400	495	38	209	4589952	813	11	32	4569136	1371	4	1309	4588704	5801	2	1404
34	4573040	246	45	200	4592392	27	12	25	4572776	35	5	33	4569152	132	3	132	4278216	48	37	19	4573120	69	11	48	4572776	34	4	30	4201120	3880	2	59
35	4571448	255	43	200	4339856	6417	11	217	4632240	5200	4	84	4650232	5	3	5	4339320	9106	35	274	4240528	50	10	41	4278216	8	4	7	4214824	1860	2	21
36	4626400	1276	40	57	4632272	9849	10	2683	4566672	511	4	486	4659368	3	3	3	4478880	859	33	1	4632272	3328	9	497	4338400	5867	3	114	4566536	844	2	5
37	4571616	212	40	180	4572624	174	10	115	4543096	10	4	8	4649688	3	3	3	4589960	112	33	72	4215288	1981	9	266	4214824	1838	3	21	4277784	552	2	5
38	4338184	14163	39	344	4240528	40	10	37	4214824	2059	3	45	4566536	2800	2	7	4572624	80	32	51	4371720	2231	8	109	4569112	1807	3	1740	4572872	31	2	27
39	4279976	195	37	44	4573120	132	9	77	4569112	1858	3	1794	4214824	2058	2	44	4626400	1171	31	52	4240024	53	7	46	4422872	14	3	7	4542816	11	2	10
40	4566688	92	37	87	4632240	5267	8	79	4572872	69	3	48	4364544	752	2	3	4571912	60	31	40	4604784	25	7	15	4572824	11	3	7	4236512	7	2	7
41	4198952	22459	36	490	4240024	64	8	51	4650232	5	3	5	4572872	69	2	48	4338184	13378	29	310	4592392	18	7	15	4543096	9	3	8	4628120	6	2	6
42	4571912	95	36	66	4450480	20485	7	4976	4589368	3	3	3	4572672	64	2	27	4573072	135	29	102	4442832	4767	6	98	4650232	5	3	5	4519336	5	2	2
43	4573072	178	34	123	4339944	11091	7	170	4649688	3	3	3	4422872	12	2	6	4589952	784	28	45	4632240	3453	6	44	4659368	3	3	3	4409112	3	2	3
44	4626376	787	33	39	4604784	23	7	16	4201120	24294	2	219	4542816	9	2	7	4480912	397	27	1	4422872	13	6	9	4649688	3	3	3	4446568	3	2	3
45	4589960	280	31	135	4588704	16623	6	3145	4198952	22451	2	473	4628120	7	2	7	4454432	181	25	151	4450480	20060	5	4535	4198952	16446	2	350	4250056	3	2	3
46	4566536	2801	29	6	4442832	13550	6	182	4588704	16650	2	3171	4519336	6	2	3	4632272	3348	24	497	4207976	1480	5	91	4338184	13395	2	314	4614400	3	2	2
47	4338128	7019	28	315	4375712	520	6	125	4338400	15850	2	350	4236512	6	2	6	4626376	512	23	36	4339944	1441	5	36	4588704	5776	2	1472	4467624	2	2	2
48	4279968	56	28	10	4422872	13	6	7	4359152	6261	2	380	4250056	3	2	3	4593032	35	23	35	4339872	818	5	35	4359152	4214	2	210	4339320	9552	1	283
49	4364720	1013	26	78	4371720	3134	5	261	4338152	5770	2	267	4614400	3	2	3	4588704	5927	22	1525	4543096	9	5	8	4201120	3898	2	56	4638944	1320	1	39
50	4572624	178	26	127	4572776	34	5	29	4215256	3869	2	687	4446568	3	2	3	4637536	1249	22	390	4338400	6860	4	117	4215256	3058	2	508	4207696	833	1	30
51	4632240	5267	25	90	4543096	10	5	9	4637864	3482	2	1	4409112	3	2	3	4344400	13184	21	335	4588704	5893	4	1459	4638944	1314	2	38	4361456	765	1	1
52	4339320	13501	24	309	4278216	9	5	9	4566536	2801	2	6	4467624	2	2	2	4339416	9615	20	110	4201120	4942	4	66	4566536	844	2	7	4631952	737	1	1
53	4639160	1257	24	197	4338400	15886	4	354	4277784	1452	2	32	4339320	13409	1	304	4566536	844	20	6	4632408	2930	4	80	4637864	123	2	1	4305120	499	1	1
54	4371720	6103	23	297	4339872	14075	4	204	4197536	881	2	101	4207696	12859	1	194	4444720	312	20	90	4214824	1843	4	20	4572872	30	2	26	4569152	115	1	115
55	4593032	35	23	35	4632408	7536	4	256	4375712	523	2	130	4631992	4425	1	1	4573208	114	20	102	4626400	1110	4	54	4710400	26	2	1	4419168	80	1	1
56	4354856	1239	22	130	4637912	6855	4	1	4569152	129	2	129	4638944	3988	1	81	4572744	48	20	41	4566360	774	4	13	4542816	12	2	9	4240024	53	1	46
57	4197488	775	22	344	4638944	3959	4	80	4279968	63	2	8	4361456	3553	1	1	4626408	884	18	30	4418048	510	4	1	4375712	8	2	7	4456152	41	1	15
58	4197464	727	22	241	4208776	3024	4	120	4240024	61	2	48	4305120	3149	1	1	4338152	5249	17	187	4276432	485	4	3	4628120	6	2	6	4572968	33	1	23
59	4445408	2431	21	451	4214824	2058	4	48	4710400	46	2	1	4419168	2022	1	1	4626328	888	17	35	4208776	239	4	34	4519336	5	2	2	4238960	24	1	5
60	4194960	2058	20	248	4419168	2022	4	1	4638248	43	2	43	4354856	1274	1	135	4454488	140	17	130	4197488	197	4	113	4614400	3	2	2	4571856	24	1	1
61	4450616	339	20	101	4626400	1031	4	49	4572824	26	2	17	4207640	1175	1	1	4573120	77	17	54	4419168	80	4	1	4250056	3	2	3	4240336	23	1	1
62	4573208	174	20	153	4276432	586	4	5	4422872	12	2	6	4338328	474	1	69	4338128	9690	16	263	4456152	41	4	17	4409112	3	2	3	4440328	13	1	12
63	4572744	59	20	52	4418048	325	4	1	4542816	9	2	7	4572968	197	1	86	4364720	627	16	53	4572776	35	4	30	4446568	3	2	3	4572824	12	1	8
64	4344400	37454	19	612	4456152	160	4	26	4628120	7	2	7	4456152	158	1	23	4240528	50	15	42	4278224	6	4	3	4467624	2	2	2	4710400	12	1	1
Total L1 Misses	919013			Total L1 Misses	917413			Total L1 Misses	918829			Total L1 Misses	920572			Total L1 Misses	331753			Total L1 Misses	328362			Total L1 Misses	324743			Total L1 Misses	325662		
Total L2 Misses	12608			Total L2 Misses	3534			Total L2 Misses	1349			Total L2 Misses	829			Total L2 Misses	12162			Total L2 Misses	3379			Total L2 Misses	1275			Total L2 Misses	778		
Total EAs	4460			Total EAs	4464			Total EAs	4447			Total EAs	4447			Total EAs	4434			Total EAs	4417			Total EAs	4416			Total EAs	4403		
Total EAs (Miss)	1481			Total EAs (Miss)	1482			Total EAs (Miss)	1474			Total EAs (Miss)	1473			Total EAs (Miss)	899			Total EAs (Miss)	909			Total EAs (Miss)	892			Total EAs (Miss)	899		
Total EAs (Hit)	2979			Total EAs (Hit)	2982			Total EAs (Hit)	2973			Total EAs (Hit)	2974			Total EAs (Hit)	3535			Total EAs (Hit)	3508			Total EAs (Hit)	3524			Total EAs (Hit)	3504		
Only 1 EA	0			Only 1 EA	3			Only 1 EA	5			Only 1 EA	5			Only 1 EA	2			Only 1 EA	2			Only 1 EA	4			Only 1 EA	7		
Only 2 EA	0			Only 2 EA	3			Only 2 EA	4			Only 2 EA	6			Only 2 EA	2			Only 2 EA	2			Only 2 EA	7			Only 2 EA	10		
Only 3 EA	0			Only 3 EA	3			Only 3 EA	6			Only 3 EA	14			Only 3 EA	2			Only 3 EA	4			Only 3 EA	12			Only 3 EA	15		
Only 4 EA	0			Only 4 EA	3			Only 4 EA	6			Only 4 EA	14			Only 4 EA	2			Only 4 EA	4			Only 4 EA	12			Only 4 EA	15		

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4450480	5495	1492	1293	4569112	1490	539	1456	4456192	935	342	935	4456192	936	342	936
2	4454544	1635	580	430	4566744	1273	538	1176	4214936	702	245	29	4571584	150	55	128
3	4569112	1427	456	1394	4569136	1117	419	1092	4566744	1322	69	1226	4571768	104	29	95
4	4359152	1131	429	51	4456192	933	343	933	4571584	153	63	134	4571448	122	27	99
5	4566744	1112	408	1024	4566656	1064	145	1027	4571448	123	38	101	4573040	63	27	61
6	4215224	1003	408	344	4566704	168	120	163	4573040	64	31	60	4593032	35	23	35
7	4569136	1186	357	1159	4566672	578	85	564	4571768	104	28	92	4589832	117	22	66
8	4456192	936	344	936	4571584	148	65	126	4571616	55	26	52	4589960	59	17	45
9	4454576	2001	332	796	4214936	710	52	32	4589952	45	25	23	4571616	50	17	47
10	4196784	1119	328	306	4589832	143	44	74	4566704	151	24	146	4572744	23	15	21
11	4214928	844	271	325	4571448	120	44	93	4589960	57	23	45	4572504	77	13	63
12	4566704	349	249	332	4198952	19436	41	268	4593032	35	23	35	4573208	33	13	33
13	4214936	702	247	31	4571768	99	39	90	4589832	145	22	77	4589952	41	11	32
14	4566656	1069	204	1023	4573040	65	36	62	4572504	79	19	64	4484416	72	10	67
15	4444944	424	162	44	4338184	8052	26	136	4573208	33	18	32	4573072	38	9	28
16	4566672	575	109	560	4339320	7053	26	143	4339320	7044	15	137	4240528	14	8	14
17	4480912	157	101	1	4589960	63	26	49	4572744	21	15	21	4344400	8244	7	117
18	4571584	151	95	131	4566688	47	25	43	4573072	40	14	29	4604784	19	7	16
19	4589832	136	65	74	4571616	51	23	47	4484416	72	13	68	4572920	13	7	13
20	4371720	1398	51	40	4593032	35	23	35	4572624	16	13	16	4338400	2091	5	35
21	4571768	102	51	91	4572504	76	21	62	4571912	23	12	20	4571912	20	5	15
22	4571448	119	43	97	4589952	42	21	19	4604784	20	11	17	4572624	19	5	19
23	4454400	306	41	133	4573208	33	20	33	4344400	8206	10	115	4214936	708	4	29
24	4198952	19719	40	283	4338152	3675	19	110	4240528	14	10	14	4573120	19	4	17
25	4637536	1599	39	664	4572744	23	18	22	4572920	16	9	16	4592392	12	4	12
26	4572504	81	38	64	4344400	8230	17	133	4571856	11	9	1	4572776	11	4	9
27	4573040	65	38	61	4566792	23	16	22	4573120	19	8	17	4632240	1511	3	47
28	4626376	399	36	14	4339856	2228	15	62	4566672	574	6	560	4422872	12	3	7
29	4478880	221	36	1	4573072	39	15	25	4571888	7	6	1	4542816	5	3	5
30	4339320	7046	34	137	4338128	4922	14	117	4566656	1071	5	1018	4650232	5	3	5
31	4626400	1102	34	29	4484416	67	13	63	4592392	12	5	12	4543096	4	3	4
32	4589952	63	32	42	4371720	392	12	37	4572776	9	4	8	4649688	3	3	3
33	4589960	61	32	48	4571912	26	12	21	4571936	5	4	3	4659368	3	3	3
34	4202048	438	30	82	4604784	19	11	15	4632240	1489	3	42	4339320	7075	2	143
35	4566688	55	30	52	4572920	18	11	17	4569112	1445	3	1413	4588704	4082	2	1347
36	4571616	51	29	50	4214824	26	10	9	4569136	1162	3	1127	4566536	2800	2	6
37	4566536	2801	27	6	4240528	14	10	14	4196784	1119	3	271	4277784	728	2	8
38	4454432	71	24	59	4573120	18	9	17	4214824	24	3	7	4375712	111	2	14
39	4338184	8297	23	141	4572624	14	9	14	4422872	12	3	8	4240024	44	2	36
40	4593032	35	23	35	4632240	1423	8	45	4650232	5	3	5	4201120	41	2	19
41	4569072	84	22	84	4240024	45	8	36	4543096	4	3	4	4214824	21	2	6
42	4573072	42	21	31	4632272	1754	6	766	4649688	3	3	3	4572872	7	2	7
43	4573208	33	20	33	4201120	39	6	21	4659368	3	3	3	4628120	6	2	6
44	4572744	24	20	21	4422872	11	6	7	4198952	19421	2	271	4446568	4	2	4
45	4338128	4268	19	131	4339872	11856	5	79	4588704	4092	2	1313	4409112	3	2	3
46	4344400	8218	18	121	4339944	8072	5	48	4566536	2800	2	6	4614400	3	2	3
47	4632272	1755	17	812	4450480	5490	5	1287	4638944	2795	2	45	4250056	2	2	2
48	4279976	17	17	2	4638944	2821	5	51	4637864	2686	2	1	4467624	2	2	2
49	4571856	17	16	1	4572776	12	5	10	4338400	2088	2	35	4629104	2	2	2
50	4338152	3970	15	118	4592392	11	5	11	4359152	1131	2	49	4519336	2	2	2
51	4356416	2039	15	5	4440504	8	5	1	4375712	195	2	13	4631992	4068	1	1
52	4571912	26	15	23	4637912	6619	4	1	4710400	96	2	1	4638944	2795	1	36
53	4572920	20	15	18	4338400	2088	4	41	4197536	87	2	28	4566744	1346	1	1252
54	4279968	16	15	1	4626400	1093	4	22	4569152	69	2	69	4207696	243	1	27
55	4339856	2241	14	77	4212232	914	4	49	4639280	45	2	45	4566704	154	1	147
56	4215288	483	14	142	4569072	82	4	80	4240024	44	2	35	4361456	122	1	1
57	4604784	21	12	17	4456152	45	4	17	4201120	40	2	18	4207640	83	1	1
58	4573120	17	12	16	4208824	31	4	16	4572968	10	2	8	4569152	73	1	73
59	4632240	1511	11	52	4419168	27	4	1	4572872	7	2	7	4710400	62	1	1
60	4194984	189	11	91	4418048	20	4	1	4628120	6	2	6	4561240	53	1	11
61	4484416	70	11	62	4278224	6	4	3	4446568	4	2	4	4238960	51	1	11
62	4240024	46	11	37	4587976	5	4	1	4542816	4	2	4	4456152	44	1	16
63	4240528	14	11	14	4442832	4676	3	45	4236512	4	2	4	4419168	27	1	1
64	4454488	48	10	42	4207976	3331	3	37	4484672	3	2	1	4305120	19	1	1
Total L1 Misses	443616				443135				445219				446404			
Total L2 Misses	8306				3366				1343				818			
Total EAs	4415				4429				4431				4399			
Total EAs (Miss)	983				986				967				970			
Total EAs (Hit)	3432				3443				3464				3429			
Only 1 EA	4				5				5				6			
Only 2 EA	5				5				5				10			
Only 3 EA	5				6				8				14			
Only 4 EA	5				6				12				16			

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4566744	1175	502	1120	4566744	1180	526	1113	4456192	688	342	688	4456192	688	342	688
2	4569112	1478	427	1459	4569112	1395	492	1365	4214936	222	126	15	4571584	102	55	101
3	4569136	1150	343	1132	4569136	1232	422	1208	4566744	1197	61	1127	4571768	67	29	66
4	4456192	688	343	688	4456192	688	343	688	4571584	98	57	97	4571448	64	26	63
5	4214936	223	126	14	4566672	652	101	633	4571448	65	35	63	4573040	62	26	59
6	4566656	825	125	801	4566704	129	101	120	4573040	63	33	60	4593032	35	23	35
7	4566672	639	114	622	4566656	830	96	808	4571768	66	29	65	4571616	43	19	43
8	4566704	140	98	129	4571584	99	70	99	4571616	43	23	43	4589960	36	17	34
9	4571584	99	68	98	4571768	68	44	67	4593032	35	23	35	4572744	25	17	24
10	4571768	67	50	66	4571448	64	42	62	4589960	36	22	34	4572504	36	16	33
11	4454544	257	49	117	4214936	223	41	14	4572504	35	19	33	4573208	37	13	37
12	4571448	64	43	62	4573040	62	35	58	4573208	37	18	37	4573072	30	10	28
13	4450480	586	38	254	4198952	55	34	46	4572744	23	17	22	4484416	18	8	17
14	4573040	62	38	58	4566688	57	31	53	4344400	445	14	25	4240528	14	8	14
15	4566688	65	36	54	4571616	42	26	42	4566704	111	14	105	4344400	445	7	23
16	4198952	54	35	47	4338184	37	23	33	4573072	29	13	27	4572920	16	7	16
17	4359152	131	34	22	4589960	36	23	34	4572920	18	13	18	4571912	12	7	11
18	4571616	44	30	43	4593032	35	23	35	4484416	19	12	19	4604784	11	7	11
19	4572504	35	27	33	4572504	36	22	34	4572624	15	12	15	4572624	17	5	16
20	4589960	37	26	35	4573208	37	20	37	4240528	14	10	14	4572776	10	5	10
21	4215224	164	25	64	4572744	26	20	26	4573120	11	7	11	4214936	222	4	16
22	4593032	35	23	35	4197488	20	18	20	4571912	11	7	11	4573120	12	4	12
23	4344400	447	22	29	4338128	486	17	37	4604784	10	7	10	4592392	9	4	9
24	4214928	99	22	48	4338152	124	17	31	4589952	10	6	9	4589952	8	4	5
25	4338184	37	21	33	4344400	450	16	25	4572776	10	5	10	4375712	5	4	5
26	4573208	37	21	37	4573072	29	15	27	4592392	10	5	10	4338400	10	3	9
27	4572744	26	21	25	4339320	127	13	22	4566672	652	4	635	4632240	9	3	9
28	4196784	131	20	60	4572920	19	13	18	4566688	57	4	52	4572824	6	3	5
29	4371720	97	19	24	4484416	18	11	17	4566656	826	3	801	4543096	5	3	4
30	4573072	30	18	28	4240528	15	11	15	4338400	9	3	9	4201120	5	3	4
31	4338128	355	16	42	4339856	41	9	19	4650232	5	3	5	4650232	5	3	5
32	4338152	259	15	28	4573120	12	9	12	4543096	5	3	4	4659368	3	3	3
33	4339320	128	14	22	4371720	187	8	27	4375712	4	3	4	4649688	3	3	3
34	4572920	17	14	16	4572624	13	8	13	4214824	4	3	4	4588704	121	2	69
35	4569072	53	13	53	4589952	11	8	9	4649688	3	3	3	4240024	11	2	11
36	4215288	226	12	53	4571912	10	7	9	4659368	3	3	3	4566536	9	2	5
37	4444944	59	12	21	4604784	10	7	10	4569112	1461	2	1432	4422872	8	2	5
38	4484416	19	12	19	4442832	1076	6	26	4569136	1167	2	1142	4628120	6	2	6
39	4572624	15	12	15	4638944	533	6	14	4588704	122	2	67	4572872	5	2	5
40	4454576	84	11	73	4240024	11	6	11	4569152	54	2	54	4542816	4	2	4
41	4339856	42	11	20	4419168	7	6	1	4240024	11	2	11	4214824	4	2	4
42	4240528	14	11	14	4572776	10	5	10	4632240	10	2	10	4614400	3	2	2
43	4240024	12	8	12	4632240	10	5	10	4566536	9	2	5	4446568	3	2	3
44	4638944	532	7	13	4592392	9	5	9	4422872	8	2	6	4519336	3	2	2
45	4573120	11	7	10	4338400	9	5	9	4628120	6	2	6	4236512	3	2	3
46	4571912	10	7	9	4339944	9	5	9	4572968	6	2	5	4629104	2	2	2
47	4588704	122	6	71	4422872	9	5	4	4201120	5	2	4	4467624	2	2	2
48	4604784	9	6	9	4632272	64	4	17	4446568	4	2	4	4250056	2	2	2
49	4566536	9	6	5	4626400	39	4	15	4572872	4	2	4	4409112	2	2	2
50	4592392	9	6	9	4339872	13	4	12	4542816	4	2	4	4566744	1187	1	1124
51	4419168	7	6	1	4418048	6	4	1	4572672	3	2	2	4638944	529	1	8
52	4442832	1069	5	30	4375712	5	4	5	4197488	3	2	3	4419168	7	1	1
53	4338304	65	5	58	4543096	5	4	4	4519336	3	2	2	4214960	6	1	5
54	4632272	64	5	17	4214824	4	4	4	4236512	3	2	3	4456152	5	1	4
55	4626400	41	5	17	4201120	4	4	3	4614400	3	2	3	4572672	4	1	3
56	4212232	18	5	15	4588704	117	3	58	4467624	2	2	2	4305120	4	1	1
57	4339944	11	5	11	4212232	13	3	10	4571856	2	2	1	4572968	4	1	3
58	4572776	9	5	9	4196056	12	3	12	4629104	2	2	2	4631992	4	1	1
59	4338400	9	5	8	4566536	9	3	5	4409112	2	2	2	4238960	3	1	3
60	4589952	8	5	5	4208824	8	3	6	4250056	2	2	2	4616192	3	1	2
61	4422872	7	5	4	4572968	7	3	4	4638944	531	1	11	4440504	3	1	1
62	4202048	5	5	1	4205320	5	3	4	4338152	250	1	31	4710400	3	1	1
63	4339416	118	4	17	4650232	5	3	5	4277328	85	1	6	4649312	2	1	2
64	4569152	54	4	54	4306704	5	3	2	4210904	54	1	8	4504688	2	1	2
Total L1 Misses	15251				15547				15560				15670			
Total L2 Misses	3389				3105				1086				792			
Total EAs	4385				4376				4367				4364			
Total EAs (Miss)	499				494				481				472			
Total EAs (Hit)	3886				3882				3886				3892			
Only 1 EA	2				2				1				5			
Only 2 EA	2				3				7				14			
Only 3 EA	2				4				12				21			
Only 4 EA	3				9				19				26			

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4198912	4542206	244303	968225	4199664	318072	158875	33161	4314768	92171	90261	33621	4314768	92461	90676	33710	4198912	4589980	245278	961461	4199664	317854	158877	33201	4314768	92101	90237	33546	4314768	92443	90704	33694
2	4198352	3839570	181779	1077759	4199536	319171	128573	13039	4238072	5110	2914	1436	4238072	5110	2981	1410	4198352	3924756	184406	1077650	4199536	318722	128341	13042	4238072	5110	2910	1421	4238072	5110	2982	1421
3	4202040	2284068	161203	47625	4198912	4530799	101037	917456	4314800	98522	2631	36673	4249056	16852	2389	15577	4199664	317793	158926	33186	4198912	4583609	101629	906427	4314800	98537	2657	36517	4249056	7454	2369	6560
4	4199664	317958	158935	33239	4314768	94276	93616	34040	4249056	16890	2191	15632	4314800	98271	2358	36553	4202040	2226490	156057	46952	4314768	94246	93632	33976	4249056	7466	2206	6594	4314800	98196	2347	36432
5	4199536	318659	124871	13220	4198352	3830608	49903	1027041	4248848	15916	2182	12449	4314864	3717	1418	2504	4199536	318333	124612	13238	4198352	3919283	49866	1021646	4248848	6307	2199	2779	4314864	3519	1420	2322
6	4314768	94400	93510	34041	4202040	2286271	48326	44439	4314864	3285	979	2438	4248848	15824	1254	12424	4314768	94309	93497	33943	4202040	2219957	47977	42872	4314864	3144	969	2299	4248848	6257	1232	2801
7	4201536	146258	31694	34257	4201536	145309	22531	31567	4221928	12990	953	11869	4284368	2473	935	812	4201536	141043	31297	33090	4201536	142192	22531	30120	4221928	4511	967	4183	4284368	2469	933	801
8	4198384	450912	18112	182628	4200240	70086	18914	34019	4223336	6863	951	6421	4314816	2051	888	1725	4198384	459018	18674	178976	4200240	65777	18893	31905	4223336	4221	949	3993	4314816	1917	893	1638
9	4200240	70270	17148	34160	4198384	448408	8160	174270	4247656	47761	891	7183	4237512	1022	516	1022	4200240	65689	16994	32171	4198384	456703	8163	170481	4314816	1935	893	1640	4247656	39653	577	6156
10	4198368	474044	13778	212690	4198632	31779	5094	17267	4314816	2091	888	1772	4247656	46787	496	6589	4198368	485620	14093	211795	4200592	22512	4956	13703	4284368	2465	746	775	4237512	1022	516	1022
11	4200592	23265	4975	14886	4200592	23527	5022	14834	4284368	2473	760	804	4247952	9364	473	2887	4200592	22632	4909	13958	4198632	21737	4948	11160	4247656	39568	712	6183	4247952	8858	515	2751
12	4238072	5110	4729	1377	4198672	30923	4984	16766	4247952	9107	618	2735	4249104	2491	363	1860	4238072	5110	4728	1442	4238072	5110	4938	1314	4247952	8667	680	2645	4247840	5851	366	2268
13	4249056	16906	3736	15707	4238072	5110	4939	1338	4247840	6052	548	2428	4247840	5709	326	2306	4249056	7450	3708	6581	4198672	20802	4845	10781	4247840	5674	544	2314	4249104	1382	295	1144
14	4199352	156803	3730	4670	4198472	34699	4887	18490	4249104	2445	534	1843	4314880	4526	279	3407	4199352	157953	3685	4421	4198472	21940	4738	10870	4237512	1022	515	1022	4314880	4008	278	2890
15	4247656	47832	3372	6990	4198512	29913	4804	16045	4237512	1022	515	1022	4199664	317999	174	35634	4247656	40069	3320	6458	4198512	21083	4677	10596	4249104	1414	428	1157	4199664	317815	170	35575
16	4198672	31251	2963	17007	4198552	32508	4714	17187	4247720	50206	352	7251	4247720	49756	164	7088	4248848	6252	2966	2879	4198552	21693	4615	10854	4247720	38172	316	6242	4247720	38700	123	6312
17	4248848	15964	2959	12445	4198592	31749	4692	16950	4222792	3529	325	3149	4241872	274	109	235	4198672	20807	2733	10820	4198592	21486	4573	10896	4222792	1584	316	1416	4241872	274	110	223
18	4198632	31948	2919	17515	4198752	30362	4546	16504	4314880	4467	278	3423	4248816	4079	86	2521	4198632	21763	2730	11311	4198752	20413	4431	10659	4314880	4134	277	2987	4248816	884	103	350
19	4198472	35144	2865	18959	4198712	29071	4323	15696	4198352	3823006	231	999407	4269296	46635	85	1674	4198592	21586	2658	11067	4198712	19424	4270	9870	4198352	3910775	235	989537	4269296	5400	85	1404
20	4198592	31971	2818	17288	4249056	16952	3702	15711	4223072	1172	180	1164	4314832	176430	84	6889	4268520	5116	2636	1306	4249056	7483	3700	6626	4248816	904	198	357	4238056	160	80	35
21	4198512	29962	2811	16173	4198368	469778	3236	199802	4199664	318090	173	35653	4238056	180	80	43	4198512	21057	2602	10778	4198368	482804	3466	198967	4199664	317777	175	35615	4221928	4536	77	4188
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23	4198752	30482	2663	16614	4247656	48332	2901	7101	4314832	176765	154	6989	4221928	12969	64	11854	4247992	42767	2542	8037	4247656	40388	2680	6238	4314832	176400	144	6663	4314832	176119	74	6646
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26	4247992	52751	2495	8820	4223336	6823	1952	6348	4246984	177	111	136	4202040	2280636	45	41940	4198712	19512	2412	10063	4223336	4256	1893	4021	4241872	271	118	221	4243048	2230	56	316
27	4222664	55272	2312	16022	4247952	9382	1842	2917	4222560	856	108	847	4223336	6959	43	6521	4222664	44291	2254	13545	4221928	4568	1853	4243	4222560	531	113	529	4240936	108	47	87
28	4223336	6951	2122	6513	4221928	12964	1773	11842	4247992	53120	104	7643	4240936	101	43	76	4221928	4551	2154	4225	4247952	8580	1708	2705	4247992	43392	103	6900	4241792	173	43	152
29	4221928	12908	2004	11773	4247992	52980	1525	8099	4269296	46500	85	1674	4241792	218	38	192	4223336	4280	2024	4044	4247992	43261	1546	7276	4269296	5346	84	1399	4223336	4318	42	4077
30	4222392	40262	1842	14622	4314864	3794	1489	2555	4314848	2811	81	2121	4240920	94	35	69	4222392	33605	1880	12713	4314864	3592	1487	2340	4268520	5115	81	1337	4314720	89	39	76
31	4314864	3974	1768	2564	4284368	2473	1270	801	4268520	46201	80	1569	4314720	92	34	76	4314864	3793	1753	2412	4284368	2465	1270	805	4202040	2218103	80	40216	4268520	5115	31	1256
32	4247952	8925	1753	2924	4247840	6046	1084	2402	4238056	180	80	43	4268520	46200	30	1488	4247952	8398	1727	2665	4247840	5926	1075	2206	4238056	160	80	36	4247760	39931	28	1633
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36	4198680	57743	1244	23530	4249104	2449	719	1839	4289160	29481	56	23598	4198240	7245	23	5326	4198680	51463	1251	18221	4222792	1567	700	1369	4269256	163620	52	1795	4248024	38236	20	1594
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57	4223072	1230	392	1217	4243048	2211	279	342	4243424	344	20	62	4229416	22	12	14	4198240	5553	364	3690	4314880	4122	279	2984	4220816	60	19	27	4398056	18	12	1
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62	4248816	4122	301	2537	4234224	1931	186	1	4249000	3263	18	1036	4314784	499	11	393	4202760	3043	311	174	4246984	268	218	224	4248024	38127	16	1548	4245456	272	9	118
63	4314880	4541	295	3414	4244544	1523	183	101	4244232	152	17	4	4229448	17	11	13	4314880	4138	296	2971	4234224	1679	192	1	4249240	191	16	118	4245352	250	9	125
64	4202760	6399	287	296	4246088	5515	179	1	4229416	27	17	17	4200752	2212	10	1918	4199824	1223	288	1	4200176	1181	192	1069	4319408	62	16	1	4249240	198	9	113

Total L1 Misses	15418737			Total L1 Misses	15367146			Total L1 Misses	15360275			Total L1 Misses	15364692			Total L1 Misses	14674434			Total L1 Misses	14671954			Total L1 Misses	14645981			Total L1 Misses	14654439		
Total L2 Misses	1144558			Total L2 Misses	728435			Total L2 Misses	112753			Total L2 Misses	107767			Total L2 Misses	1139642			Total L2 Misses	727308			Total L2 Misses	112503			Total L2 Misses	107770		
Total EAs	1404			Total EAs	1407			Total EAs	1403			Total EAs	1404			Total EAs	1384			Total EAs	1388			Total EAs	1398			Total EAs	1410		
Total EAs (Miss)	776			Total EAs (Miss)	786			Total EAs (Miss)	794			Total EAs (Miss)	794			Total EAs (Miss)	657			Total EAs (Miss)	670			Total EAs (Miss)	679			Total EAs (Miss)	686		
Total EAs (Hit)	628			Total EAs (Hit)	621			Total EAs (Hit)	609			Total EAs (Hit)	610			Total EAs (Hit)	727			Total EAs (Hit)	718			Total EAs (Hit)	719			Total EAs (Hit)	724		
Only 1 EA	4			Only 1 EA	4			Only 1 EA	5			Only 1 EA	5			Only 1 EA	5			Only 1 EA	3			Only 1 EA	2			Only 1 EA	5		
Only 2 EA	4			Only 2 EA	4			Only 2 EA	1			Only 2 EA	5			Only 2 EA	5			Only 2 EA	3			Only 2 EA	2			Only 2 EA	5		
Only 3 EA	4			Only 3 EA	4			Only 3 EA	1			Only 3 EA	5			Only 3 EA	5			Only 3 EA	3			Only 3 EA	2			Only 3 EA	5		
Only 4 EA	4			Only 4 EA	4			Only 4 EA	2			Only 4 EA	5			Only 4 EA	5			Only 4 EA	3			Only 4 EA	2			Only 4 EA	5		

	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4198912	2963095	228118	731168	4199664	317785	157880	33289	4314768	91944	90419	33388	4314768	92203	90806	33441	4198912	2548614	218705	645460	4199664	317648	158588	33208	4314768	91920	90431	33320	4314768	92202	90843	33430
2	4198352	1870591	171530	648301	4199536	318071	126098	13108	4238072	5060	2912	1359	4238072	5060	2985	1416	4198352	1864437	171029	645487	4199536	317760	125490	13082	4238072	5100	2914	1360	4238072	5100	2983	1394
3	4199664	317777	158909	33248	4198912	2956594	104162	695900	4314800	96831	2523	35424	4249056	9800	2391	8895	4199664	317640	150674	33543	4198912	2544866	101176	608472	4314800	97029	2719	35661	4249056	7437	2379	6508
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5	4199536	317970	123364	13266	4198352	1867570	52566	631227	4249056	9845	2218	8918	4314864	1836	1409	1194	4314768	93868	93500	33727	4198352	1863958	51934	625471	4248848	6095	2214	2778	4314864	1823	1409	1200
6	4314768	93968	93534	33783	4202040	1043032	45506	37433	4221928	6611	1000	6062	4248848	8663	1297	5283	4202040	758999	86627	36380	4202040	757923	44585	34249	4221928	4662	1039	4232	4248848	6138	1320	2758
7	4201536	99064	29782	28566	4201536	99106	21940	26419	4314864	1447	976	1148	4284368	2457	945	780	4201536	84504	27928	26496	4201536	84958	21929	24815	4314864	1400	957	1150	4284368	2449	929	800
8	4198384	181632	17144	86572	4200240	46959	18761	26773	4223336	4855	927	4563	4314816	1315	905	1191	4198384	159984	16480	76855	4200240	41964	18620	25124	4223336	4170	922	3900	4314816	1234	894	1124
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16	4248848	8689	2904	5263	4198552	18498	4446	9610	4247840	3450	302	1602	4241872	272	118	228	4248848	6120	2928	2779	4198552	20366	4619	9941	4247840	3088	305	1391	4248816	811	118	334
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23	4268520	15420	2635	1387	4248848	8712	2949	5319	4223072	696	137	689	4314848	1094	78	792	4222392	9888	2580	5998	4248848	6138	2960	2796	4241872	267	127	221	4314848	1531	79	877
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25	4198752	17130	2576	9192	4247656	24457	2503	5075	4222560	574	122	573	4202040	1040813	49	35347	4198552	20295	2553	10008	4247656	20599	2559	4624	4199536	317720	110	13276	4243048	1243	48	258
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29	4221928	6638	2183	6058	4247952	5351	1491	1991	4269296	15661	85	1554	4241792	151	34	133	4221928	4663	2200	4263	4314864	1876	1488	1207	4269296	5335	83	1564	4241792	155	35	143
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Total L1 Misses	8333338			Total L1 Misses	8319977			Total L1 Misses	8309972			Total L1 Misses	8298969			Total L1 Misses	7576324			Total L1 Misses	7576461			Total L1 Misses	7551667			Total L1 Misses	7552446		
Total L2 Misses	1076296			Total L2 Misses	724304			Total L2 Misses	111814			Total L2 Misses	107361			Total L2 Misses	1010863			Total L2 Misses	721562			Total L2 Misses	111500			Total L2 Misses	107285		
Total EAs	1397			Total EAs	1396			Total EAs	1383			Total EAs	1387			Total EAs	1379			Total EAs	1400			Total EAs	1409			Total EAs	1409		
Total EAs (Miss)	703			Total EAs (Miss)	702			Total EAs (Miss)	699			Total EAs (Miss)	702			Total EAs (Miss)	612			Total EAs (Miss)	622			Total EAs (Miss)	630			Total EAs (Miss)	613		
Total EAs (Hit)	694			Total EAs (Hit)	694			Total EAs (Hit)	684			Total EAs (Hit)	685			Total EAs (Hit)	767			Total EAs (Hit)	778			Total EAs (Hit)	779			Total EAs (Hit)	796		
Only 1 EA	4			Only 1 EA	3			Only 1 EA	2			Only 1 EA	5			Only 1 EA	4			Only 1 EA	3			Only 1 EA	3			Only 1 EA	6		
Only 2 EA	4			Only 2 EA	3			Only 2 EA	2			Only 2 EA	6			Only 2 EA	4			Only 2 EA	3			Only 2 EA	3			Only 2 EA	6		
Only 3 EA	4			Only 3 EA	3			Only 3 EA	2			Only 3 EA	6			Only 3 EA	4			Only 3 EA	3			Only 3 EA	3			Only 3 EA	6		
Only 4 EA	4			Only 4 EA	3			Only 4 EA	2			Only 4 EA	6			Only 4 EA	4			Only 4 EA	3			Only 4 EA	3			Only 4 EA	6		

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
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2	4282984	27681	196	1030	4464008	264	53	240	4412600	70	44	63	4412600	70	44	63	4477808	118	117	1	4412600	66	44	65	4412600	65	44	64	4412600	65	44	64
3	4270152	4273	80	794	4412600	70	44	63	4475104	244	21	72	4475104	239	22	73	4282936	2108	102	137	4475104	121	21	57	4475104	129	22	59	4475104	128	22	58
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5	4477808	237	67	1	4266848	8128	21	362	4266848	8029	12	331	4266848	8087	11	320	4270496	2012	80	357	4398080	1024	12	1024	4441984	14	10	14	4441984	11	9	10
6	4464008	263	63	235	4475104	257	20	71	4441984	13	10	13	4433264	16	9	16	4464008	201	63	176	4433264	14	11	14	4433264	10	7	10	4433264	11	7	11
7	4398080	1028	57	1028	4267136	114	13	49	4267136	104	9	42	4441984	13	9	13	4398080	1024	54	1024	4282328	27	10	23	4282328	32	6	29	4282328	22	6	18
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9	4477920	120	48	5	4441984	17	11	17	4435384	19	4	10	4486440	150	3	31	4281504	305	41	35	4441984	11	8	11	4435384	13	4	9	4486440	123	3	22
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48	4475008	6	2	6	4266080	1144	1	240	4433472	9	1	7	4471152	3	1	1	4471152	3	2	1	4419312	8	1	4	4465856	3	1	1	4471152	3	1	1
49	4425520	6	2	4	4265928	870	1	230	4436520	7	1	3	4465856	3	1	1	4471992	3	2	1	4410416	6	1	1	4462872	3	1	3	4465856	3	1	1
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51	4429072	3	2	1	4263360	114	1	1	4475008	4	1	4	4429072	3	1	1	4471632	3	2	1	4436520	5	1	3	4477832	3	1	3	4471632	3	1	1
52	4282456	3	2	3	4432600	101	1	6	4472104	4	1	1	4430480	3	1	1	4505864	2	2	1	4420680	4	1	4	4471992	3	1	1	4426360	2	1	1
53	4471576	3	2	1	4415824	24	1	24	4410504	3	1	1	4430664	3	1	1	4449112	2	2	1	4415640	4	1	1	4428120	2	1	1	4428120	2	1	1
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55	4471152	3	2	1	4264984	19	1	1	4472960	3	1	3	4472960	3	1	3	4429776	627	1	1	4433472	4	1	3	4425272	2	1	1	4429280	2	1	1
56	4430664	3	2	1	4425312	16	1	9	4282456	3	1	3	4471576	3	1	1	4270224	561	1	97	4434464	4	1	3	4228752	2	1	2	4425272	2	1	1
57	4430480	3	2	1	4421664	14	1	2	4426360	2	1	1	4435224	2	1	1	4429712	532	1	1	4429072	4	1	1	4475008	2	1	2	4435224	2	1	1
58	4444744	2	2	1	4434464	13	1	6	4428120	2	1	1	4426360	2	1	1	4282360	120	1	1	4499072	3	1	1	4449112	2	1	1	4449112	2	1	1
59	4282584	19460	1	698	4415640	12	1	1	4411656	2	1	2	4475008	2	1	2	4479608	115	1	1	4434552	3	1	3	4441976	2	1	2	4195136	2	1	2
60	4270224	17588	1	1078	4410416	11	1	1	4449040	2	1	1	4433392	2	1	2	4263360	111	1	1	4430664	3	1	1	4411368	2	1	2	4411368	2	1	2
61	4267464	14740	1	655	4432712	9	1	3	4465856	2	1	1	4499072	2	1	1	4432600	55	1	2	4471576	3	1	1	4435224	2	1	1	4228752	2	1	2
62	4429776	5675	1	1	4433472	8	1	6	4499072	2	1	1	4195136	2	1	2	4282976	21	1	13	4430480	3	1	1	4195136	2	1	2	4204240	1	1	1
63	4268104	4384	1	405	4419312	8	1	6	4425272	2	1	1	4428120	2	1	1	4436520	5	1	3	4465856	3	1	1	4195128	1	1	1	4410016	1	1	1
64	4284104	4263	1	662	4436520	7	1	3	4435224	2	1	1	4442000	2	1	2	4425312	5	1	5	4471152	3	1	1	4410264	1	1	1	4431880	1	1	1
Total L1 Misses	481946			Total L1 Misses	481310			Total L1 Misses	482079			Total L1 Misses	481849			Total L1 Misses	25354			Total L1 Misses	25289			Total L1 Misses	25207			Total L1 Misses	25316		
Total L2 Misses	1337			Total L2 Misses	511			Total L2 Misses	288			Total L2 Misses	274			Total L2 Misses	1038			Total L2 Misses	327			Total L2 Misses	278			Total L2 Misses	257		
Total EAs	3276			Total EAs	3263			Total EAs	3255			Total EAs	3259			Total EAs	3246			Total EAs	3251			Total EAs	3250			Total EAs	3250		
Total EAs (Miss)	739			Total EAs (Miss)	735			Total EAs (Miss)	729			Total EAs (Miss)	721			Total EAs (Miss)	428			Total EAs (Miss)	439			Total EAs (Miss)	425			Total EAs (Miss)	425		
Total EAs (Hit)	2537			Total EAs (Hit)	2528			Total EAs (Hit)	2526			Total EAs (Hit)	2538			Total EAs (Hit)	2818			Total EAs (Hit)	2823			Total EAs (Hit)	2811			Total EAs (Hit)	2825		
Only 1 EA	15			Only 1 EA	11			Only 1 EA	23			Only 1 EA	20			Only 1 EA	19			Only 1 EA	19			Only 1 EA	25			Only 1 EA	25		
Only 2 EA	17			Only 2 EA	14			Only 2 EA	27			Only 2 EA	29			Only 2 EA	22			Only 2 EA	22			Only 2 EA	31			Only 2 EA	33		
Only 3 EA	20			Only 3 EA	20			Only 3 EA	33			Only 3 EA	33			Only 3 EA	28			Only 3 EA	32			Only 3 EA	38			Only 3 EA	38		
Only 4 EA	24			Only 4 EA	23			Only 4 EA	38			Only 4 EA	37			Only 4 EA	31			Only 4 EA	38			Only 4 EA	42			Only 4 EA	42		

	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4270152	2115	98	442	4464008	232	59	216	4464008	233	50	220	4464008	231	50	217	4464008	109	53	108	4464008	109	53	108	4464008	108	50	108	4464008	108	50	107
2	4477808	237	94	1	4412600	63	44	59	4412600	63	44	59	4412600	63	44	59	4412600	57	44	57	4412600	57	44	57	4412600	57	44	57	4412600	57	44	57
3	4282776	144	85	10	4475104	54	22	52	4267136	119	20	47	4475104	52	20	52	4475104	53	22	53	4475104	50	21	50	4267136	25	25	22	4475104	51	21	51
4	4270496	1844	65	322	4267136	111	16	38	4475104	51	18	51	4282328	17	10	17	4398080	281	17	281	4433264	12	10	12	4475104	51	22	51	4282328	14	11	14
5	4464008	233	64	219	4398080	459	14	459	4433264	16	9	16	4267136	113	9	45	4267136	14	14	14	4267136	14	9	14	4441984	13	10	13	4267136	15	10	14
6	4398080	459	51	459	4282328	18	10	17	4266848	15	8	15	4441984	13	9	13	4433264	13	12	13	4441984	11	8	11	4433264	9	8	9	4441984	11	9	11
7	4281504	221	47	21	4441984	13	10	13	4441984	10	8	10	4433264	12	8	12	4423416	21	10	21	4266848	7	7	7	4282328	9	7	9	4433264	8	7	8
8	4412600	63	45	60	4423416	41	8	41	4282328	12	6	12	4266848	10	5	10	4441984	10	9	9	4282328	7	7	7	4435384	7	5	7	4486440	6	3	6
9	4477920	120	30	5	4266848	13	8	12	4435384	17	4	10	4486440	7	3	7	4282328	8	8	8	4423416	21	6	21	4266848	5	5	5	4412968	4	3	4
10	4472544	77	28	25	4433264	11	7	11	4486440	8	4	8	4462920	4	3	4	4266848	6	6	6	4486440	7	6	7	4423416	22	3	22	4462920	3	3	3
11	4267136	112	20	43	4398440	153	6	153	4475008	5	3	5	4412968	4	3	4	4435384	7	5	7	4435384	6	4	5	4486440	7	3	7	4423416	20	2	20
12	4475104	49	20	49	4486440	7	4	7	4412968	4	3	4	4477920	119	2	5	4486440	7	5	7	4433472	5	3	5	4412968	4	3	4	4415792	7	2	5
13	4281784	114	18	31	4442000	5	4	5	4462920	4	3	4	4412592	43	2	32	4270152	6	4	6	4412968	4	3	4	4462920	3	3	3	4435384	6	2	5
14	4398440	150	14	150	4435384	18	3	11	4442000	4	3	4	4423416	40	2	40	4433472	5	4	5	4472024	3	3	2	4415792	7	2	5	4475008	4	2	4
15	4423416	43	13	43	4448528	4	3	2	4477920	119	2	5	4435384	17	2	10	4415792	7	3	5	4442000	3	3	3	4425520	4	2	4	4425520	4	2	4
16	4282936	38	13	25	4462920	4	3	4	4472544	110	2	35	4415792	17	2	12	4425312	5	3	4	4462920	3	3	3	4412592	3	2	3	4412592	3	2	3
17	4282328	16	12	16	4412968	4	3	4	4412592	43	2	33	4425520	6	2	4	4412968	4	3	4	4448528	3	3	2	4472024	3	2	2	4472024	3	2	2
18	4266848	12	10	12	4477832	235	2	15	4423416	39	2	39	4442000	4	2	4	4462920	3	3	3	4398080	283	2	283	4282456	3	2	3	4442000	3	2	3
19	4441984	11	10	11	4477920	120	2	5	4508920	33	2	2	4475008	3	2	3	4472024	3	3	2	4415792	7	2	5	4477920	3	2	3	4282456	3	2	3
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21	4433264	13	8	13	4412592	41	2	30	4425520	6	2	4	4472024	3	2	2	4496936	3	3	3	4425312	6	2	5	4471576	2	2	1	4477920	3	2	3
22	4433472	8	6	7	4415792	17	2	12	4448528	4	2	2	4472080	3	2	2	4425520	4	2	4	4425520	4	2	4	4430480	2	2	1	4472080	2	2	2
23	4508920	32	5	1	4425312	10	2	7	4471632	3	2	1	4448528	3	2	2	4412592	3	2	3	4477832	3	2	3	4471632	2	2	1	4448528	2	2	2
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27	4462920	4	4	4	4496936	4	2	4	4430664	3	2	1	4425312	10	1	7	4475008	3	2	3	4477920	3	2	3	4448528	2	2	2	4496936	3	1	3
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29	4425312	9	3	6	4282456	3	2	3	4430480	3	2	1	4471992	7	1	1	4430664	2	2	1	4449112	2	2	1	4472544	2	2	2	4471992	3	1	1
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31	4496936	4	3	4	4426360	2	2	1	4282456	3	2	3	4433472	5	1	4	4410504	2	2	1	4426360	2	2	1	4472080	2	2	2	4434464	3	1	2
32	4448528	4	3	2	4477808	236	1	1	4429280	2	2	1	4465776	4	1	1	4411656	2	2	2	4410504	2	2	1	4425312	7	1	6	4429072	2	1	1
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36	4412592	43	2	34	4415960	9	1	7	4471992	7	1	1	4415640	3	1	1	4472104	2	2	1	4471152	2	2	1	4477832	3	1	3	4435224	2	1	1
37	4415824	11	2	11	4432560	5	1	4	4433472	5	1	4	4430480	3	1	1	4465776	2	2	1	4465776	2	2	1	4436520	3	1	3	4449112	2	1	1
38	4432712	8	2	3	4465776	5	1	1	4436520	5	1	3	4471152	3	1	1	4471152	2	2	1	4471632	2	2	1	4471992	3	1	1	4430664	2	1	1
39	4421528	7	2	7	4436520	5	1	3	4472104	4	1	1	4471576	3	1	1	4472544	2	2	2	4472080	2	2	2	4426360	2	1	1	4472544	2	1	2
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44	4434464	4	2	3	4420680	3	1	3	4434464	3	1	2	4228752	2	1	2	4398096	7	1	7	4270152	6	1	6	4411656	2	1	2	4471576	2	1	1
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48	4471152	3	2	1	4415640	3	1	1	4270224	2	1	2	4429280	2	1	1	4434464	3	1	2	4436520	3	1	3	4434440	2	1	1	4231784	1	1	1
49	4430480	3	2	1	4430480	3	1	1	4426360	2	1	1	4428120	2	1	1	4479608	2	1	1	4432600	2	1	1	4425288	1	1	1	4229968	1	1	1
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52	4471576	3	2	1	4429072	3	1	1	4475616	2	1	2	4425272	2	1	1	4432600	2	1	1	4432712	2	1	2	4429712	1	1	1	4429712	1	1	1
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57	4427944	92	1	1	4270224	2	1	2	4429776	1	1	1	4431880	1	1	1	4465856	2	1	1	4419384	2	1	2	4231784	1	1	1	4196856	1	1	1
58	4432600	63	1	3	4429280	2	1	1	4264984	1	1	1	4204240	1	1	1	4244776	1	1	1	4195136	2	1	2	4287952	1	1	1	4204240	1	1	1
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Total L1 Misses	24192			Total L1 Misses	24154			Total L1 Misses	24182			Total L1 Misses	24227			Total L1 Misses	929			Total L1 Misses	922			Total L1 Misses	934			Total L1 Misses	925		
Total L2 Misses	918			Total L2 Misses	334			Total L2 Misses	283			Total L2 Misses	257			Total L2 Misses	348			Total L2 Misses	312			Total L2 Misses	284			Total L2 Misses	253		
Total EAs	3257			Total EAs	3249			Total EAs	3253			Total EAs	3246			Total EAs	3242			Total EAs	3238			Total EAs	3249			Total EAs	3253		
Total EAs (Miss)	360			Total EAs (Miss)	367			Total EAs (Miss)	378			Total EAs (Miss)	379			Total EAs (Miss)	203			Total EAs (Miss)	195			Total EAs (Miss)	196			Total EAs (Miss)	199		
Total EAs (Hit)	2897			Total EAs (Hit)	2882			Total EAs (Hit)	2875			Total EAs (Hit)	2867			Total EAs (Hit)	3039			Total EAs (Hit)	3043			Total EAs (Hit)	3053			Total EAs (Hit)	3054		
Only 1 EA	18			Only 1 EA	18			Only 1 EA	26			Only 1 EA	30			Only 1 EA	25			Only 1 EA	23			Only 1 EA	32			Only 1 EA	32		
Only 2 EA	19			Only 2 EA	29			Only 2 EA	35			Only 2 EA	37			Only 2 EA	35			Only 2 EA	34			Only 2 EA	41			Only 2 EA	40		
Only 3 EA	29			Only 3 EA	36			Only 3 EA	39			Only 3 EA	40			Only 3 EA	43			Only 3 EA	43			Only 3 EA	48			Only 3 EA	48		
Only 4 EA	33			Only 4 EA	41			Only 4 EA	46			Only 4 EA	46			Only 4 EA	47			Only 4 EA	47			Only 4 EA	50			Only 4 EA	51		

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4304248	5423	249	2195	4304248	5368	238	2160	4304248	5335	219	2173	4304248	5488	226	2250	4304248	2043	189	1137	4304248	2067	191	1109	4304248	2050	188	1134	4304248	2058	174	1144
2	4304256	5871	225	3264	4304256	5684	207	3232	4304256	5994	204	3366	4304256	5775	189	3260	4304256	1818	142	1304	4304256	1745	150	1281	4304256	1691	126	1238	4304256	1695	123	1238
3	4304320	3083	101	1871	4304320	3120	94	1846	4304320	3107	85	1825	4304320	3096	88	1893	4304320	819	84	622	4380840	344	94	344	4304320	868	76	645	4304320	832	80	629
4	4300880	7543	89	4471	4380840	386	91	386	4300936	6896	73	4181	4464008	279	58	258	4380840	344	81	344	4304320	841	81	616	4464008	218	58	195	4464008	218	58	195
5	4380840	384	77	384	4380744	786	63	741	4464008	279	58	257	4412600	78	44	72	4464008	217	72	188	4380744	725	64	693	4412600	70	45	68	4412600	70	44	68
6	4300736	3383	74	2982	4464008	279	61	257	4304272	5778	49	4455	4475104	98	42	97	4300880	6603	70	4117	4464008	218	61	194	4475104	89	44	89	4475104	90	43	90
7	4464008	283	72	260	4300736	3390	49	3015	4412600	78	45	72	4441984	40	18	39	4300736	2801	66	2419	4300736	2800	47	2382	4300936	5923	38	3654	4441984	25	20	25
8	4300936	6932	71	4153	4412600	78	45	72	4475104	98	43	96	4304272	5655	10	4413	4398080	1531	61	1084	4412600	70	45	68	4304272	1730	29	1560	4304272	1673	9	1514
9	4398080	1533	62	1070	4475104	93	42	92	4300880	7548	37	4548	4433264	41	9	38	4412600	70	47	68	4475104	87	41	87	4441984	25	21	24	4472848	41	8	41
10	4380744	765	47	725	4381984	66	32	66	4441984	40	17	37	4470888	9	6	9	4387304	261	44	261	4333856	139	30	139	4300880	6674	20	4144	4433264	13	7	13
11	4387304	303	47	302	4333856	143	29	143	4433264	43	12	39	4470976	7	6	7	4475104	86	41	86	4381984	64	30	64	4472848	38	8	38	4470976	7	6	7
12	4412600	77	47	69	4304272	5611	25	4436	4300816	462	9	257	4303880	3013	4	2071	4380744	717	37	698	4441984	22	20	22	4433264	14	8	14	4470888	7	5	7
13	4304272	5652	45	4380	4441984	43	18	40	4300848	390	9	296	4472880	110	4	110	4300936	5901	32	3697	4423416	61	16	55	4470888	9	8	9	4472880	122	4	122
14	4475104	94	43	94	4300880	7519	16	4539	4435384	33	8	26	4472848	44	4	44	4304272	1757	31	1587	4304272	1714	11	1562	4472880	124	7	124	4412968	5	4	5
15	4381984	67	29	67	4297144	198	16	175	4381984	68	6	68	4412968	5	4	5	4381984	65	28	65	4398080	1530	11	1064	4435384	17	7	16	4303880	373	3	320
16	4300816	454	22	240	4423416	105	16	98	4470888	8	6	7	4300736	3389	3	3013	4441984	22	20	22	4297144	211	10	184	4298664	1002	6	794	4423416	59	3	53
17	4441984	45	22	41	4398080	1533	14	1061	4470976	7	6	7	4391160	746	3	685	4333856	131	18	131	4380600	129	9	129	4391160	615	6	592	4415792	44	3	16
18	4423416	108	20	101	4380600	179	12	179	4298664	1139	5	971	4415792	82	3	25	4300816	459	17	233	4472848	38	8	38	4300816	431	6	233	4486440	13	3	11
19	4300848	380	19	292	4433264	34	11	34	4300712	804	5	678	4412592	65	3	46	4423416	58	16	51	4433264	12	8	12	4300848	251	6	201	4412592	12	3	11
20	4333856	137	18	137	4297552	112	9	109	4379504	99	5	96	4435384	34	3	24	4305784	47	16	47	4470888	10	8	9	4470976	7	6	7	4477920	7	3	7
21	4305784	63	17	63	4300936	6903	7	4167	4472848	46	5	46	4486440	24	3	20	4395216	127	13	127	4472880	129	7	129	4477920	7	5	7	4448528	6	3	3
22	4397824	127	16	118	4395216	129	7	128	4477920	8	5	8	4475008	12	3	12	4300848	282	11	238	4380720	96	7	96	4381984	65	4	65	4475008	6	3	6
23	4398440	1015	15	1015	4472544	17	7	9	4303880	2981	4	2068	4477920	8	3	8	4397824	115	11	114	4472544	20	7	10	4486440	13	4	13	4425520	5	3	4
24	4433264	40	13	37	4300888	2455	6	622	4472880	117	4	117	4425520	6	3	4	4472880	124	10	124	4300936	5947	6	3724	4412968	5	4	5	4462920	5	3	5
25	4379088	386	12	386	4472848	45	6	45	4415792	79	4	26	4448528	6	3	3	4472848	40	10	40	4470976	7	6	7	4386080	381	3	369	4300936	5895	2	3703
26	4395216	132	12	131	4419312	21	6	17	4486440	23	4	20	4462920	5	3	5	4433264	12	10	12	4300880	6612	5	4127	4380840	351	3	351	4300736	2800	2	2367
27	4391160	779	10	716	4470976	7	6	7	4412968	5	4	5	4300936	6907	2	4100	4379088	360	9	360	4395216	129	5	129	4386048	271	3	263	4391160	621	2	604
28	4435384	33	10	26	4472880	114	5	114	4304560	664	3	218	4304352	5255	2	4099	4380720	96	9	96	4297552	112	5	107	4415792	51	3	18	4378912	153	2	152
29	4305832	101	9	96	4434464	43	5	18	4298912	538	3	493	4364632	307	2	113	4472544	20	9	9	4415824	33	5	32	4412592	12	3	11	4432640	36	2	3
30	4472544	17	9	9	4435384	34	5	22	4380840	384	3	384	4378912	178	2	178	4305832	114	8	113	4419312	19	5	11	4434464	11	3	8	4364632	33	2	27
31	4298664	1148	8	948	4486440	23	5	19	4300768	163	3	144	4423416	96	2	90	4391808	18	7	17	4435384	18	5	15	4500624	7	3	7	4435384	16	2	9
32	4415824	52	8	49	4394304	9	5	9	4412592	65	3	44	4349152	69	2	56	4435384	17	7	10	4391808	17	5	16	4477832	7	3	7	4391808	15	2	13
33	4508920	43	8	1	4477920	8	5	8	4425520	6	3	4	4456120	58	2	25	4416768	11	7	1	4433472	14	5	13	4448528	6	3	3	4433024	7	2	7
34	4470888	10	8	9	4470888	7	5	7	4448528	6	3	3	4432608	29	2	3	4470888	9	7	8	4486440	13	5	13	4442000	5	3	5	4442000	6	2	6
35	4304800	5133	7	3993	4412968	5	5	5	4500624	6	3	6	4433472	12	2	12	4304800	4010	6	3254	4477920	7	5	7	4462920	5	3	5	4456120	4	2	4
36	4300888	2413	6	576	4397824	124	4	117	4462920	5	3	5	4395456	11	2	8	4380600	138	6	138	4412968	5	5	5	4425520	5	3	4	4470880	3	2	2
37	4380600	174	6	174	4415960	55	4	25	4304352	5301	2	4048	4306048	7	2	6	4415824	34	6	33	4472912	9	4	9	4303880	376	2	331	4395456	3	2	2
38	4472880	121	6	121	4415824	51	4	48	4300888	2459	2	596	4441976	5	2	5	4338704	10	6	10	4477832	7	4	6	4378912	151	2	150	4306048	2	2	2
39	4415792	83	6	27	4465776	29	4	1	4391160	757	2	704	4442128	3	2	3	4305704	9	6	9	4448528	6	4	3	4423416	59	2	53	4300880	6602	1	4126
40	4472848	43	6	43	4301248	13	4	13	4364632	310	2	117	4416272	2	2	2	4508920	9	6	1	4387304	260	3	259	4432640	36	2	4	4386080	380	1	356
41	4433472	16	6	16	4448528	6	4	3	4431512	253	2	210	4300880	7532	1	4495	4470976	7	6	7	4415792	49	3	17	4364632	33	2	26	4386048	262	1	250
42	4436520	16	6	7	4303880	2994	3	2053	4379312	176	2	176	4364800	1037	1	358	4434464	11	5	8	4305784	47	3	47	4472544	20	2	9	4379032	237	1	236
43	4477832	14	6	11	4398440	1015	3	1015	4397824	123	2	117	4300712	793	1	675	4442000	8	5	8	4397744	38	3	38	4391808	17	2	15	4415640	70	1	1
44	4305704	11	6	11	4300712	776	3	644	4423416	92	2	87	4386048	736	1	644	4477920	7	5	7	4364632	33	3	25	4379504	10	2	10	4386272	34	1	33
45	4470976	7	6	7	4380720	140	3	140	4300032	84	2	83	4304560	666	1	216	4304264	3033	4	2547	4415960	28	3	16	4508920	9	2	1	4432608	22	1	5
46	4304264	9203	5	6317	4379504	96	3	95	4349152	69	2	56	4386080	657	1	581	4379208	327	4	323	4302880	13	3	13	4435224	7	2	1	4472544	20	1	8
47	4300712	779	5	658	4415792	84	3	27	4456120	58	2	25	4300824	334	1	162	4297144	208	4	185	4301248	13	3	13	4472912	6	2	6	4300856	16	1	13
48	4380720	140	5	140	4412592	65	3	46	4434464	42	2	16	4386272	253	1	216	4297616	124	4	118	4412592	12	3	11	4475008	5	2	5	4434464	11	1	9
49	4297552	120	5	114	4305784	63	3	63	4432608	38	2	4	4386248	253	1	60	4300768	74	4	69	4381944	12	3	12	4426360	5	2	1	4465776	11	1	1
50	4379504	97	5	94	4397744	42	3	42	4298952	27	2	21	4359360	141	1	102	4397744	40	4	40	4434464	11	3	8	4456120	4	2	4	4300712	11	1	11
51	4297136	54	5	48	4508920	41	3	1	4434552	22	2	16	4415640	109	1	1	4398096	39	4	32	4508920	9	3	1	4395456	3	2	2	4508920	9	1	1
52	4398096	42	5	33	4477832	11	3	5	4472544	16	2	8	4391264	101	1	28	4415960	28	4	17	4379504	8	3	6	4429072	3	2	1	4433472	7	1	6
53	4387856	32	5	30	4305704	10	3	10	4435224	16	2	1	4379504	98	1	95	4387856	25	4	24	4394304	7	3	7	4449112	3	2	1	4435224	7	1	1
54	4419384	11	5	10	4475008	10	3	10	4475008	9	2	9	4300032	89	1	87	4390512	18	4	13	4475008	6	3	6	4456208	3	2	1	4425312	7	1	6
55	4477920	8	5	8	4297384	9	3	8	4395456	9	2	7	4380888	76	1	40	4486440	13	4	13	4442000	6	3	6	4429280	2	2	1	4380888	7	1	7
56	4386048	738	4	639	4416768	9	3	1	4426360	6	2	1	4300120	74	1	71	4433472	11	4	10	4305704	6	3	6	4430480	2	2	1	4436520	7	1	4
57	4386080	667	4	592	4442000	7	3	7	4472912	6	2	6	4432640	60	1	3	4280432	8	4	8	4394480	6	3	6	4306048	2	2	2	4500984	7	1	1
58	4379208	348	4	342	4426360	6	3	1	4306048	6	2	6	4330072	60	1	60	4475008	7	4	7	4306280	5	3	5	4430664	2	2	1	4477832	6	1	4
59	4297144	193	4	168	4425520	6	3	4	4442000	5	2	5	4434464	48	1	15	4436520	7	4	4	4425520	5	3	4	4471152	2	2	1	4508672	6	1	5
60	4300032	98	4	90	4500624	5	3	5	4399352	5	2	5	4370136	46	1	26	4394304	7	4	7	4426360	5	3	1	4386880	493	1	485	4472912	5	1	5
61	4415960	55	4	26	4462920	5	3	5	4429280	5	2	1	4388464	43	1	32	4448528	6	4	3	4462920	5	3	5	4298912	264	1	235	4207152	5	1	5
62	4397744	44	4	44	4442120	4	3	4	4449112	3	2	1	4508920	41	1	1	4462920	5	4	5	4500624	3	3	3	4297616	123	1	116	4379504	5	1	5
63	4434464	41	4	15	4470880	3	3	3	4456208	3	2	1	4465776	29	1	1	4425520	5	4	4	4391160	646	2	625	4415640	86	1	1	4426360	5	1	1
64	4486440	23	4	18	4379088	377	2	377	4433328	3	2	3	4500984	20	1	1	4412968	5	4	5	4304560	507	2	150	4300032	72	1	71	4462872	3	1	3
Total L1 Misses	122023			Total L1 Misses	121509			Total L1 Misses	122112			Total L1 Misses	121617			Total L1 Misses	57371			Total L1 Misses	57473			Total L1 Misses	57347			Total L1 Misses	56979		
Total L2 Misses	2080			Total L2 Misses	1525			Total L2 Misses	1118			Total L2 Misses	874			Total L2 Misses	1709			Total L2 Misses	1349			Total L2 Misses	900			Total L2 Misses	730		
Total EAs	5247			Total EAs	5243			Total EAs	5250			Total EAs	5250			Total EAs	5241			Total EAs	5228			Total EAs	5229			Total EAs	5225		
Total EAs (Miss)	1653			Total EAs (Miss)	1645			Total EAs (Miss)	1637			Total EAs (Miss)	1629			Total EAs (Miss)	972			Total EAs (Miss)	967			Total EAs (Miss)	959			Total EAs (Miss)	953		
Total EAs (Hit)	3594			Total EAs (Hit)	3598			Total EAs (Hit)	3613			Total EAs (Hit)	3621			Total EAs (Hit)	4269			Total EAs (Hit)	4261			Total EAs (Hit)	4270			Total EAs (Hit)	4272		
Only 1 EA	1			Only 1 EA	4			Only 1 EA	5			Only 1 EA	4			Only 1 EA	2			Only 1 EA	2			Only 1 EA	11			Only 1 EA	6		
Only 2 EA	1			Only 2 EA	4			Only 2 EA	5			Only 2 EA	5			Only 2 EA	2			Only 2 EA	2			Only 2 EA	13			Only 2 EA	9		
Only 3 EA	1			Only 3 EA	6			Only 3 EA	7			Only 3 EA	9			Only 3 EA	3			Only 3 EA	4			Only 3 EA	14			Only 3 EA	12		
Only 4 EA	1			Only 4 EA	8			Only 4 EA	9			Only 4 EA	10			Only 4 EA	5			Only 4 EA	5			Only 4 EA	17			Only 4 EA	16		

Rank	Config 55				Config 57				Config 61				Config 63			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4304248	903	117	528	4304248	932	116	550	4304248	928	110	529	4304248	910	115	505
2	4304256	780	100	528	4304256	744	91	499	4304256	754	92	507	4304256	726	93	487
3	4380840	319	91	319	4380840	316	88	316	4464008	253	58	234	4464008	253	58	232
4	4464008	250	72	229	4464008	253	64	234	4304320	302	50	222	4304320	292	53	207
5	4300736	2241	65	1917	4380744	349	63	344	4412600	66	45	64	4412600	66	44	64
6	4398080	539	59	472	4412600	66	44	64	4475104	86	41	86	4475104	90	39	89
7	4300880	3790	57	2650	4304320	314	43	236	4300936	1347	31	930	4441984	19	14	19
8	4304320	281	50	212	4475104	91	43	91	4300880	3804	16	2664	4433264	16	10	16
9	4412600	66	47	64	4300736	2257	39	1919	4441984	19	16	19	4472880	32	8	32
10	4387304	173	43	173	4381984	63	33	63	4304272	781	10	684	4472848	31	7	31
11	4475104	83	40	83	4333856	106	22	106	4433264	16	10	16	4470888	9	7	9
12	4300936	1354	37	965	4423416	66	16	56	4472880	39	8	39	4304272	769	6	670
13	4380744	349	33	347	4441984	17	14	17	4472848	22	8	22	4470976	7	6	7
14	4381984	63	31	63	4398080	540	13	471	4470888	9	8	9	4475008	6	4	6
15	4423416	66	19	58	4380600	148	13	148	4435384	21	7	18	4412968	5	4	5
16	4305784	47	18	47	4300880	3791	10	2594	4470976	7	6	7	4423416	68	3	57
17	4441984	15	15	15	4304272	792	10	702	4486440	12	5	12	4412592	46	3	36
18	4398440	151	14	151	4297144	127	10	123	4477920	8	5	8	4415792	42	3	18
19	4300848	119	14	108	4433264	15	10	15	4381984	61	4	61	4300032	41	3	41
20	4395216	104	14	104	4380720	97	9	97	4475008	7	4	7	4432608	23	3	4
21	4304272	824	13	717	4472848	27	9	27	4412968	5	4	5	4300120	19	3	19
22	4333856	102	13	102	4472880	37	8	37	4300736	2254	3	1918	4486440	10	3	10
23	4433264	17	12	17	4472544	11	7	6	4303880	575	3	377	4477920	8	3	8
24	4397824	84	10	84	4470888	8	7	8	4380840	316	3	316	4425520	6	3	4
25	4472848	28	10	28	4398440	151	6	151	4300848	140	3	118	4462920	4	3	4
26	4435384	21	9	11	4435384	21	6	17	4300816	113	3	84	4448528	4	3	3
27	4472544	12	9	7	4470976	7	6	7	4423416	66	3	56	4300736	2255	2	1933
28	4472880	34	8	34	4395216	103	5	103	4412592	46	3	36	4300936	1336	2	930
29	4304800	1435	7	1280	4297552	101	5	99	4415792	45	3	18	4303880	589	2	380
30	4379088	337	7	337	4305784	47	5	47	4472544	11	3	6	4391160	350	2	333
31	4508920	35	7	1	4381976	34	5	34	4425520	6	3	4	4456120	58	2	25
32	4391808	19	7	18	4419312	11	5	10	4448528	4	3	3	4432640	25	2	5
33	4433472	12	7	12	4486440	10	5	10	4462920	4	3	4	4435384	20	2	10
34	4470888	8	7	8	4477920	8	5	8	4304352	585	2	507	4433472	10	2	10
35	4380600	149	6	149	4412968	5	5	5	4298664	209	2	166	4395456	6	2	6
36	4300816	123	6	96	4379088	342	4	342	4456320	57	2	23	4364632	5	2	5
37	4387856	16	6	15	4301248	11	4	11	4300712	55	2	53	4442128	4	2	4
38	4434464	11	6	9	4433472	8	4	8	4432640	23	2	4	4306048	2	2	2
39	4305704	10	6	10	4394480	6	4	6	4379504	18	2	17	4300880	3796	1	2643
40	4394304	10	6	10	4300936	1327	3	939	4432608	14	2	4	4378912	162	1	162
41	4416768	8	6	1	4300888	1317	3	283	4477832	11	2	9	4380600	151	1	151
42	4470976	7	6	7	4303880	601	3	382	4434464	10	2	8	4304560	114	1	81
43	4300624	510	5	485	4380696	61	3	61	4433472	8	2	8	4386080	95	1	86
44	4298664	209	5	157	4412592	46	3	36	4434552	7	2	6	4386048	85	1	79
45	4415824	25	5	24	4415792	38	3	18	4435224	6	2	1	4300712	63	1	57
46	4477832	12	5	9	4508920	33	3	1	4395456	6	2	6	4300856	47	1	33
47	4486440	10	5	10	4415824	24	3	23	4442000	5	2	5	4415640	36	1	1
48	4477920	8	5	8	4415960	22	3	15	4364632	5	2	5	4386272	35	1	34
49	4500624	6	5	6	4302880	13	3	13	4298952	4	2	1	4508920	34	1	1
50	4380720	97	4	97	4434464	10	3	9	4426360	3	2	1	4388464	27	1	17
51	4386048	96	4	91	4477832	10	3	7	4341696	3	2	3	4425312	12	1	9
52	4379208	94	4	94	4432608	10	3	4	4430480	2	2	1	4379504	12	1	12
53	4415792	42	4	17	4442000	8	3	8	4429280	2	2	1	4472544	10	1	6
54	4397744	34	4	34	4419384	8	3	8	4429072	2	2	1	4434464	10	1	8
55	4398096	34	4	29	4425520	6	3	4	4500624	2	2	2	4477832	10	1	6
56	4415960	22	4	14	4475008	6	3	6	4430664	2	2	1	4442000	9	1	9
57	4390512	21	4	16	4465776	6	3	1	4306048	2	2	2	4453840	8	1	4
58	4477808	16	4	1	4433392	4	3	4	4471152	2	2	1	4410960	7	1	7
59	4410504	16	4	1	4462920	4	3	4	4456208	2	2	1	4436520	7	1	4
60	4338704	8	4	8	4448528	4	3	3	4378912	166	1	166	4471992	7	1	1
61	4436520	7	4	5	4426360	3	3	1	4386080	93	1	86	4435224	6	1	1
62	4475008	7	4	7	4397824	84	2	84	4298912	87	1	74	4465776	6	1	1
63	4425520	6	4	4	4456120	58	2	24	4300824	85	1	48	4500984	5	1	1
64	4448528	5	4	3	4431512	41	2	41	4397824	84	1	84	4442120	3	1	3
Total L1 Misses	32046			Total L1 Misses	32123			Total L1 Misses	31998			Total L1 Misses	31935			Total L1 Misses
Total L2 Misses	1508			Total L2 Misses	1165			Total L2 Misses	727			Total L2 Misses	619			Total L2 Misses
Total EAs	5236			Total EAs	5232			Total EAs	5237			Total EAs	5231			Total EAs
Total EAs (Miss)	918			Total EAs (Miss)	913			Total EAs (Miss)	911			Total EAs (Miss)	908			Total EAs (Miss)
Total EAs (Hit)	4318			Total EAs (Hit)	4319			Total EAs (Hit)	4326			Total EAs (Hit)	4323			Total EAs (Hit)
Only 1 EA	4			Only 1 EA	3			Only 1 EA	9			Only 1 EA	6			Only 1 EA
Only 2 EA	4			Only 2 EA	3			Only 2 EA	11			Only 2 EA	7			Only 2 EA
Only 3 EA	5			Only 3 EA	4			Only 3 EA	13			Only 3 EA	9			Only 3 EA
Only 4 EA	6			Only 4 EA	8			Only 4 EA	17			Only 4 EA	15			Only 4 EA

Rank	Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4304248	557	96	445	4304248	549	95	419	4304248	534	81	423	4304248	558	84	431
2	4380840	281	77	281	4304256	395	84	355	4304256	379	69	349	4304256	384	80	350
3	4304256	386	74	352	4380840	281	74	281	4464008	123	57	121	4464008	123	57	121
4	4300736	1869	61	1602	4380744	260	61	260	4412600	61	45	61	4412600	61	44	61
5	4464008	123	60	121	4464008	123	59	121	4304320	129	42	121	4304320	132	39	129
6	4300880	2603	49	1976	4475104	92	46	92	4475104	90	40	90	4475104	85	37	85
7	4304320	154	47	151	4412600	61	45	61	4300936	1201	29	968	4441984	17	14	17
8	4387304	180	46	180	4304320	136	42	131	4304272	216	14	209	4472880	70	8	70
9	4412600	61	45	61	4300736	1861	40	1579	4441984	15	14	15	4472848	29	7	29
10	4475104	88	41	88	4381984	65	32	65	4300880	2591	12	1946	4433264	12	7	12
11	4380744	255	37	255	4380600	73	17	73	4433264	16	11	16	4470888	9	7	9
12	4381984	63	31	63	4305784	46	13	46	4472848	35	9	35	4304272	224	6	215
13	4300936	1206	27	976	4441984	15	13	15	4470888	9	8	9	4423416	49	6	49
14	4398080	286	19	281	4333856	130	11	130	4472880	67	7	67	4470976	7	6	7
15	4441984	18	18	18	4297144	126	11	126	4435384	11	7	11	4475008	8	5	8
16	4423416	45	17	45	4423416	36	11	36	4300848	75	6	64	4303880	56	4	53
17	4305784	46	16	46	4300880	2612	10	1986	4470976	7	6	7	4412968	5	4	5
18	4304272	223	13	213	4380720	91	10	91	4508920	6	6	3	4415792	19	3	11
19	4300848	73	12	61	4472848	33	9	33	4475008	8	5	8	4486440	10	3	10
20	4395216	105	11	105	4433264	13	9	13	4477920	6	5	6	4477920	6	3	6
21	4433264	13	11	13	4297552	97	8	96	4381984	59	4	59	4425520	5	3	4
22	4380720	89	10	89	4470888	9	8	9	4303880	57	4	54	4462920	4	3	4
23	4397824	89	10	89	4472880	64	7	64	4486440	10	4	10	4412592	4	3	4
24	4472880	68	9	68	4302880	13	7	13	4412968	5	4	5	4448528	3	3	3
25	4472848	31	9	31	4304272	222	6	213	4380840	283	3	283	4300936	1192	2	976
26	4433472	10	9	10	4435384	10	6	6	4423416	42	3	42	4378912	94	2	94
27	4333856	131	8	131	4394304	9	6	9	4415792	20	3	11	4435384	10	2	6
28	4435384	10	8	7	4470976	7	6	7	4472544	9	3	6	4433472	10	2	10
29	4470888	9	8	9	4415960	14	5	11	4477832	6	3	5	4432640	9	2	3
30	4300816	71	7	60	4486440	10	5	10	4425520	5	3	4	4508920	5	2	2
31	4391808	16	7	16	4472544	9	5	6	4412592	4	3	4	4432608	5	2	4
32	4380600	71	6	71	4419312	9	5	8	4462920	4	3	4	4379504	4	2	4
33	4302880	13	6	13	4477920	6	5	6	4448528	3	3	3	4456120	4	2	4
34	4472544	9	6	5	4412968	5	5	5	4378912	98	2	98	4395456	2	2	2
35	4305704	9	6	9	4300936	1205	4	980	4300032	30	2	29	4306048	2	2	2
36	4470976	7	6	7	4305704	8	4	8	4297616	26	2	23	4364632	2	2	2
37	4436520	7	6	4	4434464	8	4	7	4300120	14	2	14	4304560	159	1	94
38	4387856	16	5	16	4306528	7	4	7	4391808	14	2	14	4300816	69	1	53
39	4486440	10	5	10	4436520	7	4	4	4434464	9	2	7	4378208	29	1	29
40	4419384	9	5	9	4442000	6	4	6	4432640	7	2	3	4300032	26	1	26
41	4434464	9	5	7	4508920	5	4	3	4434552	6	2	4	4391808	12	1	12
42	4477920	6	5	6	4396216	108	3	108	4410504	5	2	1	4472544	9	1	6
43	4303880	54	4	53	4333712	75	3	75	4432608	5	2	4	4386080	8	1	8
44	4415960	14	4	10	4303880	53	3	52	4426360	4	2	1	4415640	8	1	1
45	4415824	13	4	13	4300032	29	3	29	4435224	4	2	1	4434464	8	1	7
46	4301376	9	4	9	4415792	21	3	12	4465776	4	2	1	4472912	7	1	7
47	4394304	8	4	8	4415824	13	3	13	4456120	4	2	4	4386048	7	1	7
48	4338704	6	4	6	4301248	12	3	12	4298952	3	2	1	4436520	7	1	4
49	4477832	6	4	5	4305832	11	3	11	4379504	3	2	3	4425312	6	1	6
50	4425520	5	4	4	4433472	7	3	7	4429072	2	2	1	4477832	5	1	4
51	4412968	5	4	5	4465776	5	3	1	4306048	2	2	2	4500984	5	1	1
52	4508920	4	4	1	4425520	5	3	4	4500624	2	2	2	4442000	4	1	4
53	4304800	941	3	883	4477832	5	3	4	4429280	2	2	1	4465776	4	1	1
54	4302584	171	3	171	4472912	5	3	5	4456208	2	2	1	4435224	4	1	1
55	4297144	125	3	123	4412592	4	3	4	4430480	2	2	1	4426360	4	1	1
56	4298664	102	3	89	4462920	4	3	4	4430664	2	2	1	4300712	3	1	2
57	4397744	35	3	35	4435224	4	3	1	4364632	2	2	2	4410960	3	1	3
58	4300032	31	3	31	4426360	4	3	1	4395456	2	2	2	4449112	3	1	1
59	4415792	17	3	10	4448528	3	3	3	4471152	2	2	1	4441976	2	1	2
60	4280432	8	3	8	4398080	286	2	280	4411672	2	2	2	4430480	2	1	1
61	4306528	7	3	7	4378912	101	2	101	4300736	1858	1	1582	4442176	2	1	2
62	4475008	6	3	6	4300816	75	2	64	4304352	169	1	165	4429072	2	1	1
63	4397744	32	2	32	4300816	72	1	64	4429280	2	1	1				
64	4412592	4	3	4	4387856	17	2	16	4416752	10	1	10	4388464	2	1	1
Total L1 Misses	15879			Total L1 Misses	15826			Total L1 Misses	15793			Total L1 Misses	15790			
Total L2 Misses	1282			Total L2 Misses	1092			Total L2 Misses	659			Total L2 Misses	550			
Total EAs	5237			Total EAs	5240			Total EAs	5230			Total EAs	5224			
Total EAs (Miss)	584			Total EAs (Miss)	589			Total EAs (Miss)	582			Total EAs (Miss)	584			
Total EAs (Hit)	4653			Total EAs (Hit)	4651			Total EAs (Hit)	4648			Total EAs (Hit)	4640			
Only 1 EA	2			Only 1 EA	3			Only 1 EA	11			Only 1 EA	10			
Only 2 EA	2			Only 2 EA	3			Only 2 EA	16			Only 2 EA	17			
Only 3 EA	2			Only 3 EA	5			Only 3 EA	20			Only 3 EA	20			
Only 4 EA	5			Only 4 EA	10			Only 4 EA	26			Only 4 EA	29			

Rank	Config 01				Config 03				Config 07				Config 09			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4369872	251946	123493	93712	4369872	251947	123493	93729	4369872	251948	123303	93787	4369872	251950	123411	93794
2	5143928	258514	81977	258482	5143928	259330	81914	259327	5143928	258713	81922	258709	5143928	258904	81918	258893
3	4773280	9571	778	4611	4773280	9571	747	4607	4773280	9575	722	4606	4773280	9572	745	4598
4	5205248	1853	702	34	5179856	219	182	201	5179856	194	177	194	5179856	193	177	192
5	4773656	38740	385	2552	4369896	134905	129	1755	4369896	134911	98	1646	4369896	134906	96	1644
6	4773312	11588	377	2	4369848	123847	99	2307	4369848	123574	89	2330	4369848	123585	77	2323
7	5205240	1020	250	1002	4773632	130516	78	2750	5146880	141	77	141	5146880	142	77	142
8	4369776	11659	230	30	5146880	140	76	140	4773632	130510	67	2744	4619232	128	63	128
9	4996184	189847	211	1	4879800	6592	67	49	4619232	128	63	128	4621000	126	63	126
10	5179856	247	189	229	4619232	128	63	128	4621000	126	63	126	4773632	130511	55	2742
11	4956536	3509	177	1	4621000	126	63	126	4369776	11635	60	19	4989512	101135	40	52
12	5176672	5966	174	63	4878624	514	52	1	4996184	189847	59	1	4989504	12622	39	30
13	4773648	43215	153	2637	5035392	4670	50	17	4956536	3548	53	1	4773640	36265	35	2762
14	4369896	134907	132	1758	4989512	101136	49	51	4989512	101136	46	52	4895440	34	34	34
15	5170056	21845	121	117	4773640	36265	49	2759	4989504	12620	40	29	4773648	43212	29	2621
16	4369848	123887	102	2309	4989504	12621	45	27	4879984	10364	34	8	4879984	10363	27	11
17	4878624	513	97	1	5179552	195	45	35	4895440	34	34	34	5179552	181	24	32
18	4954600	15194	92	18	4879984	10356	44	9	4773648	43209	33	2622	5166728	42	24	42
19	4773632	130505	78	2749	5176672	6589	42	60	4954600	15195	33	13	4773240	11696	23	11
20	5146880	140	76	140	4773648	43209	41	2627	5176672	5439	33	51	4350992	43	22	1
21	4879800	6575	75	47	5170056	21930	40	109	5179552	201	32	36	4954600	15195	20	12
22	5035008	820	70	14	4773240	11688	38	10	4773640	36265	30	2762	4734104	30	20	6
23	4878608	7198	69	73	5035008	872	37	12	5205248	84	30	31	4862864	30	20	6
24	4879176	9242	65	78	5198232	40	34	1	4773240	11695	27	7	5113400	20	20	1
25	5169224	1873	64	56	4895440	34	34	34	4879800	6645	27	57	5205248	126	19	36
26	4619232	128	63	128	4881032	950	31	22	4350992	47	25	1	4862288	19	19	3
27	4621000	126	63	126	4369776	11680	25	30	5166728	42	24	42	4879176	8939	17	66
28	4879416	7401	60	65	5200584	554	25	530	5035392	4735	20	29	4879800	6539	17	24
29	5035392	4569	60	14	4879176	9284	24	79	4734104	30	20	6	4994608	18	17	1
30	4773640	36263	59	2790	4881040	2347	24	28	4862864	30	20	8	4369776	11673	16	17
31	4879480	12331	58	64	5166728	42	24	42	5113400	20	20	1	5170056	21559	15	103
32	4881032	926	58	23	4878608	7210	23	68	4879176	8912	18	67	5027360	15	15	1
33	4773240	11690	56	6	5035400	1582	22	19	4862288	18	18	3	5241496	6228	14	3
34	4879984	10358	53	5	5035120	1207	22	16	5035008	932	17	35	5179888	2535	13	2508
35	5179552	202	53	34	5200592	31	21	23	5035216	3951	16	14	5035680	17	13	1
36	5034800	2408	51	1	5200944	26	21	1	4994608	18	16	1	5035528	7333	12	13
37	4989512	101136	50	51	4954600	15194	20	16	4878608	7287	15	71	5171192	6097	12	14
38	4989504	12620	46	27	5200848	33	20	1	4881040	2344	15	45	5035392	4704	12	28
39	5159832	4722	44	1	4862864	30	20	9	4995536	17	15	9	5176656	327	12	38
40	5179024	359	44	1	4734104	30	20	5	5170056	21550	14	90	5167384	1572853	11	5
41	5033816	5245	42	3	5113400	20	20	1	4879480	12057	14	52	5169136	21107	11	101
42	5167728	327	42	12	5200832	38	19	1	4878624	485	14	2	5204176	13418	11	1
43	5169136	21114	40	97	4994608	23	19	1	5027360	14	14	1	4878624	496	11	2
44	4995368	5417	40	1	5167936	18600	18	86	5241496	6226	13	2	4995536	12	11	6
45	5035120	1217	38	18	4862288	18	18	3	5159832	4751	13	1	4862200	11	11	3
46	5198232	40	37	1	5167728	308	17	8	4369720	2015	13	50	4862368	11	11	4
47	4879440	4477	36	91	5147512	19	17	1	4879888	1063	13	19	4862664	11	11	4
48	4369720	2305	34	65	4879480	12294	16	58	5035680	17	13	1	4996184	189847	10	1
49	4895440	34	34	34	5176656	804	16	32	4995560	15	13	9	4956616	20003	10	1
50	5200832	73	33	1	5164344	30	16	5	5171192	6097	12	15	4878872	11621	10	1
51	5168200	1800	32	68	5200624	22	16	15	5241248	624	12	31	4995264	6201	10	1
52	4878872	11621	31	1	5241496	6232	15	2	5176656	469	12	41	4995216	5432	10	1
53	5241496	6236	31	10	4369720	2251	15	61	4862200	12	12	4	4956536	3572	10	1
54	5035400	1535	31	15	5200936	18	15	1	4862368	12	12	5	4369728	114	10	1
55	4879584	11779	30	51	4773656	38736	14	2549	5169136	21108	11	99	5200592	35	10	25
56	4879888	1049	29	17	4879416	7408	14	64	5204176	13362	11	1	4773304	33	10	1
57	5200624	39	29	27	5152344	6798	14	35	5035528	7340	11	15	5113368	25	10	1
58	5200584	335	28	331	5169224	1823	14	51	5179888	2539	11	2507	4735056	20	10	6
59	5176656	1144	27	48	4879888	1046	14	17	4369728	128	11	2	5140632	11	10	1
60	5200944	30	26	1	5035680	16	14	1	5200592	34	11	20	4995560	11	10	5
61	4881040	2320	25	23	4995536	15	14	8	4862664	11	11	3	5130216	10	10	1
62	5166728	42	24	42	5030800	14	14	1	5167384	1572840	10	3	4745168	10	10	1
63	5171192	6104	23	21	5171192	6098	13	19	4773656	38737	10	2546	5095736	10	10	1
64	5167936	17977	21	83	5205248	22	13	13	4956616	20002	10	1	4744912	10	10	1
Total L1 Misses	11068790				12300245				11816926				12138091			
Total L2 Misses	213866				209998				209195				208902			
Total EAs	3392				3400				3377				3384			
Total EAs (Miss)	971				943				953				962			
Total EAs (Hit)	2421				2457				2424				2422			
Only 1 EA	11				11				10				20			
Only 2 EA	12				12				13				21			
Only 3 EA	13				13				16				24			
Only 4 EA	13				13				17				26			

Rank	Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4369872	235609	123577	74447	4369872	235605	123573	74431	4369872	235601	123378	74439	4369872	235602	123481	74429
2	5143928	164864	81920	164864	5143928	164865	81920	164865	5143928	164864	81920	164864	5143928	164864	81920	164864
3	4773280	8307	779	4059	4773280	8294	747	4050	4773280	8305	722	4059	4773280	8306	743	4060
4	4773312	8241	387	1	5179856	194	181	194	5179856	190	177	190	5179856	189	177	189
5	4996184	7181	314	1	4369896	137588	141	319	4369896	137590	108	319	4369896	137589	109	319
6	4369776	6692	230	13	4369848	30973	97	230	4369848	30976	86	230	5146880	142	77	142
7	5179856	220	188	220	4773632	102937	81	101	4996184	7181	78	1	4369848	30972	74	231
8	4956536	6109	182	1	5146880	143	78	143	4619232	126	63	126	4619232	126	63	126
9	4369896	137593	144	320	4878624	499	70	1	4773632	102938	73	102	4621000	126	63	126
10	4773632	102938	110	102	4879800	4744	65	9	4369776	6695	67	13	4773632	102938	60	101
11	4369848	30970	101	230	4619232	126	63	126	4619232	126	63	126	4773640	11626	37	97
12	4878624	508	98	1	4621000	126	63	126	4621000	126	63	126	4773648	10686	36	90
13	4879984	3867	78	4	4773640	11626	56	97	4956536	6258	55	1	4895440	34	34	34
14	5198232	372	78	1	4879984	3851	56	3	4879984	3841	42	4	4879984	3837	29	3
15	5146880	143	78	143	4773648	10688	55	90	4773648	10696	41	91	4989512	76552	28	54
16	4879176	8917	75	32	5035392	4179	44	5	4895440	34	34	34	5166728	36	24	36
17	4881032	577	73	9	5035008	1600	44	7	4989512	76562	33	54	4994608	26	22	1
18	5169224	519	73	13	4994608	61	44	1	4954600	12910	28	14	4954600	12910	21	13
19	5035008	1673	72	8	4369776	6693	39	13	4773640	11626	28	97	4879176	8854	21	27
20	4773648	10684	69	91	4879176	8837	37	31	4879176	8870	25	28	4989504	266	21	19
21	4879800	4736	69	10	4989512	76567	36	54	4879800	4733	25	9	4773240	10871	20	3
22	4879416	10237	66	32	4773240	10878	35	3	4994608	38	25	1	5035392	4165	20	6
23	4954600	12910	65	18	4881032	528	34	9	4773240	10872	24	3	4862864	30	20	8
24	4879440	3796	65	38	4895440	34	34	34	5166728	36	24	36	4734104	30	20	6
25	4621000	126	63	126	5169224	519	33	12	5035392	4254	23	6	5027360	20	20	1
26	4619232	126	63	126	4954600	12910	32	15	4989504	266	23	19	5113400	20	20	1
27	4994608	90	62	1	4878608	11228	30	34	4773656	5855	22	68	4773656	5843	18	67
28	4879480	10131	61	29	4879416	10293	29	30	5035008	1779	21	8	4862288	18	18	3
29	4773640	11625	60	98	5035400	3785	29	5	4881032	582	21	8	4369776	6698	15	13
30	4878608	11220	58	36	4773656	5843	27	67	4862864	30	20	8	4879800	4746	15	11
31	4773240	10885	58	3	5035120	2588	26	8	4734104	30	20	6	5241496	66	13	2
32	4989512	76574	54	57	4989504	266	26	19	5027360	20	20	1	4878608	11247	12	34
33	5035392	4256	53	6	5166728	36	24	36	5113400	20	20	1	5171192	39	12	6
34	4995368	6452	43	1	4879480	10162	22	28	4862288	18	18	3	5170056	12	12	3
35	4369720	2500	42	26	4862864	30	20	8	4879416	10274	17	29	5176656	12	12	3
36	5035120	2499	39	8	4734104	30	20	6	5030752	17	15	1	4862368	12	12	5
37	4878872	8017	38	1	5113400	20	20	1	4878608	11143	14	36	4862200	12	12	4
38	4773656	5843	37	67	4369720	2569	19	23	5035120	2492	12	9	5204176	12	11	1
39	5035400	3884	34	6	5027360	19	19	1	4878624	474	12	2	5169136	12	11	3
40	4895440	34	34	34	5171192	39	18	5	5241248	196	12	8	4862664	11	11	3
41	4879584	8522	30	25	4862288	18	18	3	5241496	65	12	1	4369864	10949	10	206
42	4878360	371	30	13	5185288	3884	16	1	5171192	39	12	6	4878872	8017	10	1
43	5171192	39	30	5	5030752	17	16	2	4862368	12	12	5	4956616	7861	10	1
44	4989504	266	26	19	4369864	10950	15	206	5176656	12	12	3	4995216	7379	10	1
45	5241248	197	25	10	4995264	1330	15	1	4862200	12	12	4	4996184	7181	10	1
46	5241496	66	25	2	4987384	5359	14	1	5170056	12	12	3	4956536	6363	10	1
47	5166728	36	24	36	4878248	887	14	1	4369864	10947	11	206	5179888	2496	10	2496
48	5174480	68	22	12	5026576	15	14	1	5204176	12	11	1	4995264	1326	10	1
49	4881024	10186	21	17	5241496	66	13	2	5169136	12	11	3	4881032	554	10	10
50	5241248	456	21	6	5241248	185	12	10	4862664	11	11	3	4878624	483	10	1
51	4734104	30	20	6	4862200	12	12	4	4878872	8017	10	1	5113368	25	10	1
52	4862864	30	20	8	5176656	12	12	3	4956616	7857	10	1	4735056	20	10	6
53	5027360	20	20	1	5170056	12	12	3	4995216	7379	10	1	5030752	17	10	1
54	5113400	20	20	1	4862368	12	12	5	5035400	3835	10	6	5035680	11	10	1
55	5035328	4118	19	1	4643720	15	11	15	4369720	2547	10	25	5028168	10	10	1
56	4878520	170	18	4	5169136	12	11	3	5179888	2497	10	2497	4734872	10	10	1
57	4862288	18	18	3	5204176	12	11	1	4995264	1326	10	1	4271432	10	10	1
58	4987384	5359	17	1	4862664	11	11	3	5113368	25	10	1	5116712	10	10	1
59	4956904	883	17	1	4878872	8017	10	1	4735056	20	10	5	4744912	10	10	1
60	4987320	5035	16	1	4956616	7860	10	1	4729064	10	10	1	4862336	10	10	5
61	5185288	3882	16	1	5159832	7377	10	1	5157576	10	10	1	4247680	10	10	1
62	5179888	2468	16	2467	4995216	7375	10	1	5134560	10	10	1	4862168	10	10	1
63	4995264	1334	16	1	4996184	7181	10	1	4733880	10	10	1	4248048	10	10	1
64	4879888	629	15	4	4956536	6358	10	1	4247680	10	10	1	4248152	10	10	1
Total L1 Misses	1330707				1330582				1330558				1330562			
Total L2 Misses	211834				209724				209038				208795			
Total EAs	3321				3329				3327				3329			
Total EAs (Miss)	681				688				684				689			
Total EAs (Hit)	2640				2641				2643				2640			
Only 1 EA	16				16				18				23			
Only 2 EA	17				18				19				24			
Only 3 EA	19				25				25				31			
Only 4 EA	22				26				27				32			

	Config 55				Config 57				Config 61				Config 63			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4369872	239414	123588	57898	4369872	239415	123589	57925	4369872	239413	123397	57910	4369872	239413	123514	57910
2	5143928	188120	82005	188120	5143928	187925	81918	187925	5143928	187911	81921	187911	5143928	187977	81921	187977
3	4773280	4445	828	1868	4773280	4445	747	1861	4773280	4445	728	1857	4773280	4445	743	1861
4	4773656	7878	396	1678	5179856	207	181	207	5179856	203	177	203	5179856	203	177	203
5	4954600	5555	355	8	4369896	5404	148	969	4369896	5408	120	968	4369896	5402	116	966
6	4369776	3246	264	1	4878624	247	107	2	4369848	6513	89	1414	4369848	6501	79	1412
7	4773296	3389	236	1	4369848	6496	100	1412	5146880	141	77	141	5146880	141	77	141
8	4996184	4451	226	1	4879440	231	86	9	4369776	3247	72	2	4619232	128	63	128
9	5170056	6895	217	101	5146880	142	78	142	4954600	5555	67	8	4621000	126	63	126
10	4878872	833	199	1	4773632	9382	66	1740	4996184	4451	65	1	4773632	9382	45	1740
11	5179856	204	181	204	4619232	128	63	128	4619232	128	63	128	4773640	9068	39	1686
12	4995216	841	179	1	4621000	126	63	126	4621000	126	63	126	4989512	4309	36	13
13	4956616	688	170	1	5170056	6771	53	83	4773632	9382	62	1740	4895440	34	34	34
14	4369896	5405	167	968	4773640	9068	44	1693	4956904	3326	46	1	4989504	60	32	15
15	4956904	3248	167	1	4996184	4451	38	1	4989512	4308	36	13	5166728	40	24	40
16	4879416	698	164	5	4989512	4310	36	13	4895440	34	34	34	4954600	5555	20	9
17	4987320	681	163	1	4881032	197	36	3	4773640	9067	32	1686	4994608	36	20	1
18	4995264	592	162	1	4895440	34	34	34	4989504	61	32	17	4862864	30	20	8
19	5033816	701	161	1	4994608	42	32	1	5176672	2119	29	35	4734104	30	20	6
20	4879984	691	160	1	4989504	59	31	14	5159832	1127	27	1	5113400	20	20	1
21	5169224	600	158	40	5176672	1976	29	51	4881032	180	24	4	5035008	153	19	3
22	4878608	719	157	3	5035008	156	28	3	5166728	40	24	40	5027360	18	18	1
23	4987384	703	156	1	4954600	5555	25	9	4878624	249	23	1	4862288	18	18	3
24	5034352	653	156	1	5166728	40	24	40	5035008	170	23	3	4881032	199	17	3
25	5159832	1124	154	1	4878360	50	23	3	4994608	37	22	1	5170056	6795	15	74
26	4879480	665	148	4	4995216	841	22	1	4879440	238	20	8	4879176	471	15	5
27	5034800	663	147	1	5035392	375	20	3	4734104	30	20	6	5035392	375	15	3
28	4879584	656	146	1	5035400	369	20	3	4862864	30	20	8	5241496	1941	14	2
29	4773288	1388	141	1	5176656	36	20	9	5113400	20	20	1	5035400	371	13	3
30	4878624	258	141	2	4734104	30	20	6	4862288	18	18	3	4878624	254	13	1
31	4773632	9375	133	1740	4862864	30	20	8	5027360	18	18	1	5176656	25	13	8
32	4773240	683	133	1	5113400	20	20	1	5035392	378	17	5	4369864	2102	12	840
33	5035328	584	133	1	5169224	414	18	35	5035400	372	16	5	5171192	1925	12	14
34	4773648	16577	124	1668	5200832	74	18	1	5241248	225	16	20	5179552	19	12	11
35	4879440	239	111	9	4862288	18	18	3	5170056	6795	15	76	4862200	12	12	4
36	5167936	2438	109	22	4369864	2102	17	840	4879176	471	15	5	4862368	12	12	5
37	5198232	365	109	1	4878872	833	17	1	5241496	1941	14	3	5169136	6632	11	70
38	4369848	6512	107	1413	5200944	54	17	1	5152344	2230	13	20	5204176	3938	11	1
39	5176672	2038	97	36	5027360	17	17	1	4369864	2095	13	841	4879984	692	11	2
40	4773640	9072	93	1703	5241496	1941	16	3	5034800	662	13	1	5035664	11	11	1
41	5169896	6621	93	1	4995264	591	16	1	5030800	16	13	1	4862664	11	11	3
42	5169136	6631	92	79	5179552	18	16	11	5171192	1925	12	13	5167384	1572820	10	2
43	5174480	2629	82	42	5030800	16	16	1	4879984	692	12	2	4996184	4451	10	1
44	5146880	142	78	142	4879984	693	15	2	4956536	496	12	1	5179888	1912	10	1912
45	4880032	432	73	1	4881024	715	14	11	5176656	33	12	7	4995216	841	10	1
46	5034296	413	73	1	4879176	470	14	5	4862200	12	12	4	4878872	833	10	1
47	5200832	153	66	1	5200936	51	14	1	4862368	12	12	5	4956616	689	10	1
48	4619232	128	63	128	4880032	432	13	1	5169136	6634	11	78	4995264	591	10	1
49	4621000	126	63	126	4643720	14	13	14	5204176	3936	11	1	4956536	494	10	1
50	5167728	131	54	7	5167936	2426	12	16	4995264	595	11	1	5241248	229	10	19
51	5241248	307	52	29	5171192	1925	12	14	4880032	432	11	1	4773304	153	10	1
52	5168200	124	52	10	4879480	665	12	5	4862664	11	11	4	5167232	29	10	2
53	5241496	1939	51	3	4862368	12	12	5	5167384	1572846	10	2	5113368	25	10	1
54	5166456	215	50	31	4862200	12	12	4	4773648	16569	10	1655	4735056	20	10	5
55	5171192	1925	49	14	4773648	16569	11	1654	5179888	1912	10	1912	5030800	16	10	1
56	5179024	106	48	1	5169136	6631	11	3	4995216	841	10	1	5140632	11	10	1
57	4881032	183	39	4	5204176	3953	11	1	4878872	833	10	1	5095736	10	10	1
58	4773312	881	38	1	5034352	653	11	1	4881024	719	10	11	4738488	10	10	1
59	5200944	53	38	1	5167728	73	11	7	4956616	689	10	1	4744912	10	10	1
60	4994608	44	38	1	5168200	45	11	6	4773304	153	10	1	5133912	10	10	1
61	5034328	157	36	1	4862664	11	11	4	5167232	30	10	2	5134560	10	10	1
62	5176784	195	35	6	5167384	1572777	10	2	5113368	25	10	1	4744584	10	10	1
63	4989512	4309	34	13	4956616	689	10	1	4735056	20	10	6	5134488	10	10	1
64	4895440	34	34	34	4956536	525	10	1	4739488	10	10	1	5134600	10	10	1
Total L1 Misses	9873746			Total L1 Misses	10857994			Total L1 Misses	11367421			Total L1 Misses	11444093			Total L1 Misses
Total L2 Misses	216225			Total L2 Misses	209656			Total L2 Misses	209083			Total L2 Misses	208758			Total L2 Misses
Total EAs	3369			Total EAs	3355			Total EAs	3356			Total EAs	3363			Total EAs
Total EAs (Miss)	820			Total EAs (Miss)	803			Total EAs (Miss)	785			Total EAs (Miss)	791			Total EAs (Miss)
Total EAs (Hit)	2549			Total EAs (Hit)	2552			Total EAs (Hit)	2571			Total EAs (Hit)	2572			Total EAs (Hit)
Only 1 EA	29			Only 1 EA	16			Only 1 EA	19			Only 1 EA	24			Only 1 EA
Only 2 EA	30			Only 2 EA	19			Only 2 EA	23			Only 2 EA	28			Only 2 EA
Only 3 EA	32			Only 3 EA	27			Only 3 EA	26			Only 3 EA	34			Only 3 EA
Only 4 EA	34			Only 4 EA	29			Only 4 EA	29			Only 4 EA	35			Only 4 EA

	Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4369872	235651	123593	54983	4369872	235651	123593	55000	4369872	235644	123393	55009	4369872	235651	123497	55001
2	5143928	163840	81920	163840	5143928	163840	81920	163840	5143928	163840	81920	163840	5143928	163840	81920	163840
3	4773280	1620	813	716	4773280	1620	747	719	4773280	1620	733	718	4773280	1620	743	720
4	4773296	1184	181	1	5179856	212	181	212	5179856	211	177	211	5179856	211	177	211
5	5179856	208	178	208	4369896	9424	148	122	4369896	9423	117	121	4369896	9423	116	121
6	4369896	9424	164	122	4369848	219	100	64	4369848	219	91	64	5146880	142	78	142
7	4996184	736	160	1	4878624	247	86	1	5146880	142	78	142	4369848	219	77	64
8	4878624	255	147	1	5146880	142	78	142	4773632	4634	69	73	4621000	126	63	126
9	4369848	219	126	64	4773632	4634	77	73	4621000	126	63	126	4619232	126	63	126
10	4773632	4635	96	74	4619232	126	63	126	4619232	126	63	126	4773632	4634	57	73
11	4773288	551	93	1	4621000	126	63	126	4895440	34	34	34	4895440	34	34	34
12	4879584	286	89	1	5169224	85	44	12	4773640	81	27	29	4773640	81	33	29
13	5146880	143	79	143	4773640	81	40	28	4878872	146	24	1	5166728	36	24	36
14	5198232	367	78	1	4879984	141	34	2	5166728	36	24	36	4878872	146	22	1
15	4878872	146	71	1	4895440	34	34	34	4996184	736	23	1	5113368	25	22	1
16	4619232	126	63	126	4878872	146	31	1	4878624	239	21	1	4879984	135	21	1
17	4621000	126	63	126	4996184	736	28	1	4879984	136	21	2	4996184	736	20	1
18	5169224	69	60	12	5166728	36	24	36	4862864	30	20	8	4734104	30	20	6
19	4369776	134	55	1	5113368	25	24	1	4734104	30	20	6	4862864	30	20	8
20	5034296	173	52	1	5174480	46	22	17	5113368	25	20	1	4954600	20	20	2
21	4773640	82	47	28	5159832	38	21	1	5113400	20	20	1	5113400	20	20	1
22	4879984	136	34	2	4862864	30	20	8	4954600	20	20	2	4862288	18	18	3
23	4879480	70	34	1	4734104	30	20	6	4369776	134	18	1	5027360	17	17	1
24	4895440	34	34	34	5030800	20	20	1	4956536	30	18	1	5026576	15	15	1
25	4773312	525	32	1	5113400	20	20	1	4862288	18	18	3	4369864	804	13	72
26	5035328	92	29	1	4954600	20	20	2	5027360	18	18	1	5241496	13	13	2
27	4773240	464	28	1	4987384	836	19	1	5030800	20	17	1	4956616	56	12	1
28	4987320	62	26	1	4369864	804	18	72	5241248	23	15	8	5159832	38	12	1
29	4956536	30	26	1	4862288	18	18	3	5026576	15	15	1	5030800	18	12	1
30	5035528	353	24	1	5027360	18	18	1	5241496	14	14	3	4862200	12	12	4
31	5166728	36	24	36	4956616	56	17	1	4369864	804	13	72	4862368	12	12	5
32	5113368	25	24	1	4956536	30	17	1	5170056	12	12	3	5171192	12	12	2
33	4879800	64	22	1	4879480	70	16	1	4862368	12	12	5	5176656	12	12	3
34	4879800	64	22	1	4862368	12	12	5	5179888	2301	10	2301	4773304	27	10	1
35	4862864	30	20	8	5241248	19	16	11	4862200	12	12	4	5170056	12	12	3
36	5241248	24	20	10	5026576	15	15	1	5171192	12	12	2	4878624	257	11	1
37	4954600	20	20	2	5241496	13	13	2	4773296	1183	13	1	4956536	30	11	1
38	5113400	20	20	1	4643720	13	13	13	4956616	56	11	1	5204176	12	11	1
39	4987384	835	19	1	5170056	12	12	3	5159832	37	11	1	5169136	12	11	3
40	5159832	38	19	1	5171192	12	12	2	5204176	12	11	1	4879176	11	11	2
41	5030800	19	18	1	4862200	12	12	4	4881024	12	11	8	4862664	11	11	3
42	4862288	18	18	3	5169136	12	12	3	5169136	12	11	3	5179888	2301	10	2301
43	4369864	804	17	72	4862368	12	12	5	4862664	11	11	3	4879584	287	10	2
44	4956616	56	17	1	4879584	287	11	1	4773240	464	10	1	4773304	27	10	1
45	5027360	16	16	1	4995216	14	11	1	4879480	70	10	1	5241248	23	10	10
46	5026576	15	15	1	5169136	12	11	3	4773304	27	10	1	4995264	18	10	1
47	4995496	36	14	1	5204176	12	11	1	4735056	20	10	5	4735056	20	10	5
48	5241184	15	14	4	4862664	11	11	3	4995264	18	10	1	4995216	14	10	1
49	5241496	13	13	2	4773240	464	10	1	4995216	14	10	1	5167728	10	10	1
50	4643720	13	13	13	4987320	62	10	1	5110720	10	10	1	4862424	10	10	1
51	5185288	69	12	1	4773304	27	10	1	4879176	10	10	1	5118160	10	10	1
52	4881024	13	12	9	4735056	20	10	6	5116312	10	10	1	5127064	10	10	1
53	4862368	12	12	5	4995264	18	10	1	5116288	10	10	1	5130248	10	10	1
54	5171192	12	12	2	5241184	14	10	3	5095232	10	10	1	5130216	10	10	1
55	4862200	12	12	4	5141408	10	10	1	5157576	10	10	1	5096344	10	10	1
56	5170056	12	12	3	5141360	10	10	1	5095912	10	10	1	5156152	10	10	1
57	5176656	12	12	3	5156792	10	10	1	5157784	10	10	1	5110720	10	10	1
58	5179888	2304	11	2304	5156728	10	10	1	5095888	10	10	1	5157576	10	10	1
59	4773304	27	11	1	4248048	10	10	1	5095736	10	10	1	4862168	10	10	1
60	4995264	18	11	1	4247680	10	10	1	4752952	10	10	1	5116488	10	10	1
61	4995216	14	11	1	5096344	10	10	1	5156792	10	10	1	5116288	10	10	1
62	5169136	12	11	3	5110720	10	10	1	4862424	10	10	1	5116312	10	10	1
63	5204176	12	11	1	5141416	10	10	1	4862336	10	10	4	5090160	10	10	1
64	4862664	11	11	4	5156152	10	10	1	5156152	10	10	1	5116712	10	10	1
Total L1 Misses	429035			Total L1 Misses	429071			Total L1 Misses	428997			Total L1 Misses	429016			
Total L2 Misses	210394			Total L2 Misses	209307			Total L2 Misses	208684			Total L2 Misses	208670			
Total EAs	3312			Total EAs	3310			Total EAs	3305			Total EAs	3309			
Total EAs (Miss)	559			Total EAs (Miss)	552			Total EAs (Miss)	555			Total EAs (Miss)	563			
Total EAs (Hit)	2753			Total EAs (Hit)	2758			Total EAs (Hit)	2750			Total EAs (Hit)	2746			
Only 1 EA	31			Only 1 EA	31			Only 1 EA	32			Only 1 EA	33			
Only 2 EA	35			Only 2 EA	35			Only 2 EA	35			Only 2 EA	38			
Only 3 EA	39			Only 3 EA	41			Only 3 EA	41			Only 3 EA	43			
Only 4 EA	42			Only 4 EA	42			Only 4 EA	43			Only 4 EA	44			

	Config 01				Config 03				Config 07				Config 09			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4202200	166348761	166348736	25429	4202200	166348761	166348729	25420	4202216	166320008	166320007	220067	4202200	166348761	166348728	25420
2	4202216	166320007	166320006	220066	4202216	166320007	166320006	220065	4202200	166348762	111039780	25517	4202216	166320009	166320007	220066
3	4201984	15123403	15120846	20668	4201984	15123158	15120664	20709	4201744	12451242	12416580	394968	4201456	15120003	15120001	42904
4	4201456	15120003	15120001	42904	4201456	15120003	15120001	42904	4201096	15120001	11050667	35178	4201096	15120001	15120001	27671
5	4201096	15120001	15120001	21592	4201096	15120001	15120001	21592	4200936	15121535	10453330	21345	4201984	15123285	15119745	20747
6	4201632	15088089	15086463	282577	4201632	15088062	15086448	283348	4202192	22367025	10413148	3523	4201632	15088108	15086495	283419
7	4201744	12461393	12414363	402313	4201744	12461446	12414364	403076	4201984	15122884	9634704	35680	4201744	12461578	12414416	403094
8	4200936	15121535	12388076	20332	4200936	15121535	12388076	20332	4201632	15087065	9605342	289331	4200936	15121535	12388069	20315
9	4201272	15120262	10610018	93133	4201272	15120262	10610018	93133	4204448	8610000	8610000	182766	4201272	15120262	10610017	93133
10	4202192	22379122	10417685	3491	4202192	22379122	10413149	3491	4201456	15120002	8212086	46022	4202192	22379123	10413149	3492
11	4204432	8611549	8611517	24960	4204432	8611549	8611517	24942	4201272	15122503	5862336	54496	4204432	8611549	8611517	24940
12	4204448	8610000	8610000	182794	4204448	8610000	8610000	182784	4204432	8611550	5752729	25026	4204448	8610000	8610000	182786
13	4201224	15120259	4510240	91784	4201224	15120259	4510240	91784	4200952	7719248	3781512	11216	4201224	15120259	4510241	91784
14	4200952	7679448	3781512	10256	4200952	7679448	3781512	10256	4201224	15122501	2350350	54367	4200952	7679448	3781512	10251
15	4200920	15111607	2723531	20128	4200920	15111607	2723531	20128	4200920	15111607	2288636	20625	4200920	15111607	2723538	20117
16	4197280	2725081	2720040	51351	4197280	2725081	2720040	51352	4197192	2231932	2224339	118207	4197280	2725081	2720039	51344
17	4196952	2726606	2720019	33048	4196952	2726606	2720019	33043	4196864	2193180	2178762	112135	4196952	2726607	2720019	33025
18	4195616	2720000	2720000	20545	4195616	2720000	2720000	20545	4197280	2725078	2098275	51705	4195352	2720000	2720000	28408
19	4195352	2720000	2720000	28408	4195352	2720000	2720000	28408	4196952	2726342	1788699	32972	4195616	2720000	2720000	20545
20	4195184	2717824	2717824	20081	4195184	2717824	2717824	20081	4195184	2717824	1785956	20604	4195184	2717824	2717824	20082
21	4195488	2705357	2705357	24342	4195488	2705357	2705357	24342	4195616	2720000	1476420	20121	4195488	2705357	2705357	24341
22	4197192	2229886	2222070	117886	4197192	2229886	2222070	117886	4195352	2720000	1475880	21534	4197192	2229891	2222075	117883
23	4196864	2133460	2119284	109710	4196864	2133718	2119542	109716	4195488	1710370	1448174	13624	4196864	2134455	2120280	109679
24	4204240	820008	820008	17067	4204240	820017	820017	17082	4201720	1815000	777722	32257	4204240	820023	820009	17080
25	4203728	820092	820000	76161	4203728	820075	820010	78240	4204000	640787	640182	102133	4203368	820000	820000	33799
26	4203368	820000	820000	34238	4203368	820000	820000	34586	4203368	820000	599332	33879	4203728	820053	819992	75505
27	4203896	813715	813655	98882	4203896	813702	813647	98852	4203208	820082	565620	19505	4203896	813703	813647	98819
28	4201720	1813295	776954	36846	4201720	1813274	776952	36932	4196968	573420	541238	28959	4201720	1813312	776949	36928
29	4203208	820082	671943	18840	4203208	820082	671944	18842	4204424	1157892	539068	3486	4203208	820082	671943	18842
30	4204000	641066	640144	109947	4204000	641056	640136	109725	4204240	820014	518439	23464	4204000	641058	640143	109897
31	4196968	616409	600716	30627	4196968	616151	600458	30622	4203896	815574	514601	102531	4196968	615418	599720	30604
32	4204424	1158701	539314	3453	4204424	1158701	539068	3450	4197296	505913	495663	31095	4203544	820095	539397	139850
33	4203544	820097	537761	140891	4203544	820104	536951	140997	4203728	820101	445326	65629	4204424	1158700	539068	3448
34	4197296	508405	497932	31753	4197296	508405	497932	31753	4203544	820074	315985	137799	4197296	508400	497927	31750
35	4203496	820105	282341	143789	4203496	820117	283164	143117	4203224	418582	205082	9614	4203496	820100	280700	142610
36	4203224	416492	205082	9024	4203224	416492	205082	9024	4197176	327742	164572	7099	4203224	416492	205082	9024
37	4197176	338804	163524	7325	4197176	338807	163524	7326	4196848	294573	157704	3914	4197176	338846	163524	7332
38	4196848	314643	155601	3972	4196848	314643	155601	3970	4203496	820084	129541	138985	4196848	314173	155352	3973
39	4203192	819570	147627	14990	4203192	819570	147626	14989	4203192	819570	123894	15289	4203192	819570	147627	14988
40	4195896	133967	133967	21578	4195896	133967	133967	21579	4195896	140939	93545	16562	4195896	133967	133967	21579
41	4211400	90009	90009	11501	4211400	90009	90009	11507	4211400	90009	75696	12020	4211400	90009	90009	11513
42	4195880	45907	45907	7479	4195880	45907	45907	7479	4203976	94219	40169	13779	4195880	45907	45907	7479
43	4203976	94074	40167	16622	4203976	94084	40165	16531	4195504	1009902	27976	9414	4203976	94080	40164	16592
44	4201800	94169	35021	11581	4201800	94168	35036	11745	4201800	94967	26563	12160	4201800	94112	34989	11748
45	4201696	157007	25262	836	4201696	157073	19900	836	4195880	38935	24769	4489	4202296	16631	16631	1
46	4202296	16631	16631	1	4202296	16631	16631	1	4202296	16631	16631	1	4196944	73752	14920	1401
47	4195504	14915	14915	147	4195504	14915	14915	147	4196944	94118	12568	1639	4195504	14915	14915	147
48	4196944	73501	14671	1398	4196944	73501	14671	1398	4209360	10000	9904	10000	4209360	10000	10000	10000
49	4209360	10000	10000	10000	4209360	10000	10000	10000	4201696	154564	9206	853	4201696	157076	9069	836
50	4197272	52355	6756	1349	4197272	52355	6750	1349	4197272	63165	5702	1672	4197272	52350	6750	1350
51	4204056	8974	6421	2278	4204056	8970	6420	2279	4206536	13951	4800	13951	4204056	8976	6427	2286
52	4201872	61866	4800	1	4206536	13955	4800	13955	4204056	7143	3802	2205	4206536	13949	4800	13949
53	4206536	13957	4800	13957	4201872	61856	3872	1	4202112	7608	3070	11	4202112	7608	3069	11
54	4202112	7609	3071	11	4202112	7608	3069	11	4211392	5127	1800	1584	4211392	5158	1800	1570
55	4211392	5158	1800	1573	4211392	5158	1800	1571	4202416	6108	1600	19	4202416	6110	1601	20
56	4201976	2791	1788	1	4201976	2746	1690	1	4201976	2837	1551	1	4201976	2741	1531	1
57	4202416	6110	1601	20	4202416	6110	1601	20	4201200	1520	1520	1	4201200	1520	1520	1
58	4201200	1520	1520	1	4201200	1520	1520	1	4202088	1526	1513	1	4202088	1529	1513	1
59	4202088	1527	1513	1	4202088	1528	1513	1	4201448	1519	1512	1	4201448	1518	1512	1
60	4201416	1518	1512	1	4201448	1518	1512	1	4201416	1518	1512	1	4201416	1518	1512	1
61	4201448	1518	1512	1	4201416	1518	1512	1	4201088	1513	1512	1	4201088	1513	1512	1
62	4201088	1513	1512	1	4201088	1513	1512	1	4201528	1512	1512	1	4201528	1512	1512	1
63	4201168	1512	1512	1	4201056	1512	1512	1	4201056	1512	1512	1	4201168	1512	1512	1
64	4201192	1512	1512	1	4201192	1512	1512	1	4201168	1512	1512	1	4201056	1512	1512	1
Total L1 Misses	547855683				547855415				547895843				547855627			
Total L2 Misses	496814932				496802633				399392311				496781915			
Total EAs	1238				1237				1231				1242			
Total EAs (Miss)	347				342				346				346			
Total EAs (Hit)	891				895				885				896			
Only 1 EA	10				10				10				10			
Only 2 EA	10				10				10				10			
Only 3 EA	10				10				10				10			
Only 4 EA	10				10				10				10			

	Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4202200	166348734	166348728	20085	4202200	166348734	166348728	20085	4202216	166320001	166320001	220066	4202200	166348734	166348728	20084
2	4202216	166320007	166320007	220064	4202216	166320007	166320007	220064	4202200	166348729	111039782	20092	4202216	166320007	166320007	220063
3	4201984	15121491	15120458	20539	4201984	15121507	15120335	20552	4201744	12458561	12417165	399982	4201456	15120002	15120000	42968
4	4201456	15120002	15120000	42968	4201456	15120002	15120000	42968	4201096	15120000	10951418	26796	4201096	15120000	15120000	30147
5	4201096	15120000	15120000	30173	4201096	15120000	15120000	30173	4202192	20808147	10413147	2512	4201984	15121568	15119938	20567
6	4201632	15085448	15085445	279163	4201632	15085460	15085457	279102	4200936	15121518	9836899	21413	4201632	15085460	15085457	279102
7	4201744	12464318	12415081	405314	4201744	12464288	12415087	405242	4201984	15121572	9632302	35490	4201744	12464288	12415087	405242
8	4200936	15121518	11787037	21799	4200936	15121518	11787037	21799	4201632	15083571	9604702	286855	4200936	15121518	11787064	21775
9	4201272	15120140	10683486	86439	4201272	15120140	10683486	86439	4204448	8610000	8610000	182800	4201272	15120140	10683486	86439
10	4202192	20808147	10413147	2512	4202192	20808147	10413147	2512	4201456	15120002	8209192	50962	4202192	20808147	10413147	2512
11	4204432	8611517	8611517	20133	4204432	8611517	8611517	20136	4201272	15121026	5910639	64574	4204432	8611517	8611517	20131
12	4204448	8610000	8610000	182792	4204448	8610000	8610000	182792	4204432	8611517	5752815	20141	4204448	8610000	8610000	182786
13	4201224	15120140	4436654	85908	4201224	15120140	4436654	85908	4200952	7620483	3781514	11089	4201224	15120140	4436654	85908
14	4200952	7620483	3781514	10162	4200952	7620483	3781514	10162	4200920	15111592	2804780	20975	4200952	7620483	3781514	10157
15	4200920	15111592	3324555	20622	4200920	15111592	3324555	20622	4201224	15121026	2300573	64053	4200920	15111592	3324528	20597
16	4197280	2720040	2720039	46948	4197280	2720040	2720039	46948	4197192	2236909	2236909	115864	4197280	2720040	2720039	46953
17	4196952	2720006	2720006	27838	4196952	2720006	2720006	27838	4196864	2152987	2152987	108942	4196952	2720006	2720006	27838
18	4195616	2720000	2720000	20545	4195352	2720000	2720000	20408	4197280	2720040	2098269	47202	4195616	2720000	2720000	20545
19	4195352	2720000	2720000	28408	4195616	2720000	2720000	20545	4196952	2720006	1788160	28236	4195352	2720000	2720000	28408
20	4195184	2717824	2717824	20087	4195184	2717824	2717824	20086	4195184	2717824	1785956	20089	4195184	2717824	2717824	20086
21	4195488	2705357	2705357	24341	4195488	2705357	2705357	24341	4195616	2720000	1476420	20121	4195488	2705357	2705357	24341
22	4197192	2234709	2234709	115013	4197192	2234709	2234709	115013	4195352	2720000	1475882	21537	4197192	2234708	2234708	115013
23	4196864	2064083	2064083	104648	4196864	2063811	2063811	104636	4195488	1710370	1448174	13623	4196864	2063811	2063811	104636
24	4203728	820070	820015	84275	4203728	820076	820015	80126	4201720	1553049	777689	26236	4204240	820015	820015	17091
25	4204240	820015	820015	17075	4204240	820015	820015	17086	4204000	640778	640184	102067	4203368	820000	820000	44186
26	4203368	820000	820000	44561	4203368	820000	820000	44108	4203368	820000	593953	26022	4203728	820053	819985	75779
27	4203896	812669	812666	99050	4203896	812657	812651	99170	4196968	567013	567013	29187	4203896	812656	812643	99224
28	4201720	1552418	777039	29824	4201720	1552410	777025	29818	4204424	1077193	539068	2512	4201720	1552410	777025	29818
29	4196968	655917	655917	32869	4196968	656189	656189	32880	4203208	820082	537378	19718	4196968	656189	656189	32880
30	4204000	641074	640145	109968	4204000	641108	640147	110077	4204240	820057	518363	23455	4204000	641107	640145	110082
31	4203208	820082	638236	20443	4203208	820082	638236	20451	4203896	814813	513984	102450	4203208	820082	638268	20440
32	4204424	1077193	539068	2512	4204424	1077193	539068	2512	4197296	483092	483092	32822	4204424	1077193	539068	2512
33	4203544	820080	538385	138989	4203544	820072	537037	138761	4203728	820039	445320	63978	4203544	820092	538351	138713
34	4197296	485292	485292	33683	4197296	485292	485292	33683	4203544	820069	317147	138110	4197296	485293	485293	33684
35	4203496	820092	281707	142138	4203496	820078	283041	142220	4203224	413280	205082	9522	4203496	820103	281752	142419
36	4203224	413280	205082	8973	4203224	413280	205082	8975	4197176	337939	168173	6221	4203224	413280	205082	8973
37	4203192	819570	181334	15486	4203192	819570	181334	15486	4196848	304331	157133	3188	4203192	819570	181302	15486
38	4197176	337939	168173	6221	4197176	337939	168173	6221	4203192	819570	152118	15518	4197176	337939	168173	6221
39	4196848	308096	155782	3072	4196848	308360	155782	3072	4203496	820077	128342	139621	4196848	308360	155782	3072
40	4195896	132965	132965	22196	4195896	132965	132965	22197	4195896	140711	93137	16651	4195896	132965	132965	22197
41	4211400	90009	90009	11294	4211400	90009	90009	11288	4211400	90009	75709	11771	4211400	90009	90009	11298
42	4195880	46909	46909	7484	4195880	46909	46909	7485	4203976	80184	40168	11612	4195880	46909	46909	7484
43	4203976	80177	40172	14399	4203976	80216	40207	14456	4195504	1009902	27976	9414	4203976	80181	40175	14430
44	4201800	36039	36039	8374	4201800	36027	36027	8372	4201800	37915	27426	8884	4201800	36027	36027	8372
45	4201696	64710	19364	554	4202296	16631	16631	1	4195880	39163	25177	4497	4202296	16631	16631	1
46	4202296	16631	16631	1	4202296	16631	16631	1	4202296	16631	16631	1	4195504	14915	14915	147
47	4195504	14915	14915	147	4195504	14915	14915	147	4196944	35941	13139	458	4196944	31912	14490	419
48	4196944	32176	14490	421	4196944	31912	14490	419	4209360	10000	9904	10000	4209360	10000	10000	10000
49	4209360	10000	10000	10000	4209360	10000	10000	10000	4201696	61920	8861	555	4202112	7594	7593	11
50	4202112	7594	7593	11	4202112	7594	7593	11	4201696	64681	7540	555	4201696	64681	7540	555
51	4204056	7401	7401	2137	4204056	7416	7416	2134	4206536	9600	4800	9600	4204056	7424	7424	2145
52	4206536	9600	4800	9600	4206536	9600	4800	9600	4204056	5219	4381	1974	4206536	9600	4800	9600
53	4202416	6157	3115	22	4202416	6157	3115	22	4202416	6157	3116	23	4202416	6157	3115	23
54	4197272	2333	2099	37	4197272	2333	2099	37	4197272	2333	2099	37	4197272	2333	2099	37
55	4211392	3600	1800	716	4211392	3600	1800	707	4211392	3600	1800	714	4211392	3600	1800	709
56	4201976	1760	1595	1	4201976	1758	1590	1	4202440	1540	1526	5	4202440	1540	1526	5
57	4202440	1540	1526	5	4202440	1540	1526	5	4201976	1782	1519	1	4201976	1758	1516	1
58	4202088	1516	1513	1	4202088	1516	1513	1	4202088	1520	1517	1	4202088	1516	1513	1
59	4202376	1513	1513	1	4202376	1513	1513	1	4202376	1513	1513	1	4202376	1513	1513	1
60	4201448	1517	1512	1	4201448	1517	1512	1	4201448	1517	1512	1	4201416	1517	1512	1
61	4201416	1517	1512	1	4201416	1517	1512	1	4201416	1516	1512	1	4201448	1517	1512	1
62	4201056	1512	1512	1	4201192	1512	1512	1	4201192	1512	1512	1	4201056	1512	1512	1
63	4201528	1512	1512	1	4201088	1512	1512	1	4201528	1512	1512	1	4201528	1512	1512	1
64	4201192	1512	1512	1	4201056	1512	1512	1	4201168	1512	1512	1	4201200	1512	1512	1
Total L1 Misses	547839051				547839239				547839131				544939131			
Total L2 Misses	496800931				496796368				399287082				496787843			
Total EAs	1240				1239				1241				1241			
Total EAs (Miss)	293				296				296				292			
Total EAs (Hit)	947				943				945				949			
Only 1 EA	9				9				9				9			
Only 2 EA	9				9				9				9			
Only 3 EA	9				9				9				9			
Only 4 EA	9				9				9				9			

	Config 55				Config 57				Config 61				Config 63			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4202200	166348737	166348730	27831	4202200	166348743	166348730	27821	4202216	166320000	166320000	220065	4202200	166348747	166348730	27820
2	4202216	166320006	166320006	220066	4202216	166320012	166320012	220066	4202200	166348738	111039781	27867	4202216	166320006	166320006	220066
3	4201984	15120991	15120389	20575	4201984	15121242	15120494	20578	4201744	12453432	12416874	398408	4201456	15120001	15120000	40685
4	4201456	15120001	15120000	40685	4201456	15120011	15120010	48062	4201096	15120000	11049698	26552	4201096	15120000	15120000	20059
5	4201096	15120000	15120000	29522	4201096	15120008	15120001	29527	4202192	16270634	10413146	2766	4201984	15121709	15119828	20626
6	4201632	15085863	15085476	285265	4201632	15085195	15084823	286552	4200936	15121527	9918449	21267	4201632	15085840	15085840	280673
7	4201744	12454724	12414206	405301	4201744	12451996	12414120	406694	4201984	15121882	9633019	35605	4201744	12463080	12415129	403732
8	4200936	15121527	11780372	20477	4200936	15121524	11780371	20476	4201632	15084259	9605406	289567	4200936	15121527	11780362	20450
9	4201272	15120120	10683167	78462	4201272	15120098	10694062	74648	4204448	8610000	8610000	182789	4201272	15120123	10682765	78124
10	4202192	16264586	10417682	2746	4202192	16264587	10413147	2744	4201456	15120000	8212050	47959	4202192	16270636	10413149	2748
11	4204432	8611517	8611517	26780	4204432	8611517	8611517	26761	4201272	15122458	5880833	56808	4204432	8611517	8611517	26756
12	4204448	8610000	8610000	182799	4204448	8610000	8610000	182788	4204432	8611517	5752753	26795	4204448	8610000	8610000	182785
13	4201224	15120121	4436954	78306	4201224	15120097	4426035	74570	4200952	7627383	3781514	11097	4201224	15120124	4437359	77972
14	4200952	7626534	3781514	10181	4200952	7626533	3781514	10180	4200920	15111599	2821997	20735	4200952	7626534	3781514	10172
15	4200920	15111599	3331227	20138	4200920	15111598	3331227	20137	4201224	15122458	2331811	56898	4200920	15111599	3331237	20113
16	4197280	2720745	2720047	48234	4197280	2720741	2720044	48253	4197192	2229021	2226260	116579	4197280	2720741	2720038	48255
17	4196952	2721762	2720013	29620	4196952	2721762	2720013	29613	4196864	2164878	2160776	110050	4196952	2721762	2720013	29630
18	4195352	2720000	2720000	28408	4195352	2720000	2720000	28408	4197280	2720754	2098265	48574	4195616	2720000	2720000	20545
19	4195616	2720000	2720000	20545	4195616	2720000	2720000	20545	4196952	2721776	1788177	29527	4195352	2720000	2720000	28408
20	4195184	2717824	2717824	20085	4195184	2717824	2717824	20084	4195184	2717824	1785956	20613	4195184	2717824	2717824	20085
21	4195488	2705357	2705357	24341	4195488	2705357	2705357	24342	4195616	2720000	1476420	20121	4195488	2705357	2705357	24341
22	4197192	2226535	2223780	115717	4197192	2227035	2224280	115749	4195352	2720000	1475882	21538	4197192	2226756	2224001	115727
23	4196864	2082093	2078277	106244	4196864	2082354	2078538	106250	4195488	1710370	1448174	13624	4196864	2082354	2078538	106258
24	4204240	820019	820019	17049	4204240	820019	820019	17066	4201720	1610668	777738	27898	4204240	820015	820015	17056
25	4203728	820035	820010	69779	4203728	820030	820000	73730	4204000	640788	640192	102063	4203728	820037	820000	79705
26	4203368	820000	820000	27395	4203368	820000	820000	27400	4203368	820000	599283	29519	4203368	820000	820000	33055
27	4203896	812822	812805	97986	4203896	812816	812798	98159	4196968	567150	559224	29012	4203896	812920	812908	99110
28	4201720	1609525	776849	31833	4201720	1609491	776837	31956	4204424	842304	539068	2743	4201720	1609339	776736	31718
29	4196968	645400	641723	32324	4196968	645139	641462	32312	4203208	820082	536951	19915	4196968	645139	641462	32318
30	4204000	640900	640141	110130	4204000	640910	640147	110417	4204240	820061	518443	23436	4204000	641065	640131	110143
31	4203208	820082	639450	19567	4203208	820082	639446	19569	4203896	815022	514146	102358	4203208	820082	639386	19424
32	4204424	841976	539314	2733	4204424	841976	539068	2731	4197296	496920	493745	32226	4204424	842304	539068	2735
33	4203544	820078	533892	140251	4203544	820091	535210	141057	4203728	820084	445317	64194	4203544	820090	536254	141684
34	4197296	499622	496221	33181	4197296	499122	495721	33162	4203544	820082	316491	139161	4197296	499401	496000	33174
35	4203496	820086	286194	143455	4203496	820100	284890	144105	4203224	413654	205082	9535	4203496	820098	283844	144159
36	4203224	413634	205082	9000	4203224	413633	205082	9002	4197176	336546	167539	6436	4203224	413631	205082	8999
37	4203192	819570	180120	15085	4203192	819570	180124	15082	4196848	300187	158375	3346	4203192	819570	180184	15037
38	4197176	339171	167279	6477	4197176	339170	167279	6470	4203192	819570	152486	15433	4197176	339172	167279	6469
39	4196848	309606	156258	3328	4196848	309606	156251	3324	4203496	820085	129012	140422	4196848	309604	156251	3324
40	4195896	132970	132970	21763	4195896	132473	132473	21765	4195896	141162	93459	17579	4195896	132970	132970	21762
41	4211400	90009	90009	11354	4211400	90009	90009	11359	4211400	90009	75703	11844	4211400	90009	90009	11336
42	4195880	46904	46904	7480	4195880	47401	47401	7481	4203976	83258	40175	12067	4195880	46904	46904	7481
43	4203976	83227	40192	14995	4203976	83240	40202	15047	4195504	1009902	27976	9414	4203976	83220	40192	14913
44	4201800	48646	36008	9124	4201800	49301	36661	9265	4201800	50184	26672	9680	4201800	47600	34972	9027
45	4201696	66165	18330	694	4202296	16631	16631	1	4195880	38712	24855	4877	4202296	16631	16631	1
46	4202296	16631	16631	1	4201696	65110	16214	695	4202296	16631	16631	1	4195504	14915	14915	147
47	4195504	14915	14915	147	4195504	14915	14915	147	4196944	52023	11897	766	4196944	43115	14021	663
48	4196944	43113	14022	662	4196944	43113	14021	662	4203360	10000	9888	10000	4203360	10000	10000	10000
49	4203360	10000	10000	10000	4203360	10000	10000	10000	4201696	67500	8768	704	4201696	67313	7739	702
50	4204056	7782	7258	2211	4204056	7790	7265	2208	4206536	10670	4800	10670	4204056	7691	7159	2154
51	4202112	7600	6087	11	4202112	7593	6080	11	4204056	5564	4201	2014	4206536	10670	4800	10670
52	4206536	10672	4800	10672	4206536	10672	4800	10672	4202112	7593	3054	11	4202112	7604	3062	11
53	4197272	16234	3001	378	4197272	16235	2995	378	4197272	18596	2733	467	4197272	16233	2993	379
54	4197232	46120	2878	19	4211392	3899	1800	929	4211392	3899	1800	942	4211392	3899	1800	928
55	4211392	3899	1800	932	4201976	2048	1665	1	4202416	6110	1600	21	4202416	6101	1592	19
56	4201976	2042	1711	1	4202416	6110	1601	21	4202088	1521	1513	1	4202088	1524	1514	1
57	4202416	6109	1601	20	4202088	1518	1513	1	4201200	1513	1513	1	4201200	1513	1513	1
58	4202088	1517	1513	1	4201200	1513	1513	1	4201448	1513	1512	1	4201416	1513	1512	1
59	4201200	1513	1513	1	4201448	1513	1512	1	4201416	1513	1512	1	4201448	1513	1512	1
60	4201448	1513	1512	1	4201416	1513	1512	1	4201528	1512	1512	1	4201088	1512	1512	1
61	4201416	1513	1512	1	4201088	1513	1512	1	4201192	1512	1512	1	4201168	1512	1512	1
62	4201088	1512	1512	1	4201056	1512	1512	1	4201168	1512	1512	1	4201056	1512	1512	1
63	4201192	1512	1512	1	4201528	1512	1512	1	4201088	1512	1512	1	4201192	1512	1512	1
64	4201168	1512	1512	1	4201192	1512	1512	1	4201056	1512	1512	1	4201528	1512	1512	1
Total L1 Misses	540378251			Total L1 Misses	540374748			Total L1 Misses	540297250			Total L1 Misses	540294955			Total L1 Misses
Total L2 Misses	496805312			Total L2 Misses	496795349			Total L2 Misses	399388871			Total L2 Misses	496782515			Total L2 Misses
Total EAs	1236			Total EAs	1234			Total EAs	1233			Total EAs	1238			Total EAs
Total EAs (Miss)	336			Total EAs (Miss)	332			Total EAs (Miss)	328			Total EAs (Miss)	330			Total EAs (Miss)
Total EAs (Hit)	900			Total EAs (Hit)	902			Total EAs (Hit)	905			Total EAs (Hit)	908			Total EAs (Hit)
Only 1 EA	9			Only 1 EA	10			Only 1 EA	10			Only 1 EA	10			Only 1 EA
Only 2 EA	9			Only 2 EA	10			Only 2 EA	10			Only 2 EA	10			Only 2 EA
Only 3 EA	9			Only 3 EA	10			Only 3 EA	10			Only 3 EA	10			Only 3 EA
Only 4 EA	9			Only 4 EA	10			Only 4 EA	10			Only 4 EA	10			Only 4 EA

	Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4202200	166348728	166348728	21154	4202200	166348728	166348728	21155	4202216	166320001	166320001	220063	4202200	166348728	166348728	21144
2	4202216	166320007	166320007	220070	4202216	166320007	166320007	220070	4202200	166348728	111039782	21153	4202216	166320007	166320007	220063
3	4201984	15120624	15120320	20510	4201984	15120557	15120397	20506	4201744	12458437	12417052	401569	4201456	15120000	15120000	42978
4	4201096	15120000	15120000	30173	4201456	15120000	15120000	48070	4201096	15120000	10668674	25551	4201096	15120000	15120000	30147
5	4201456	15120000	15120000	48080	4201096	15120000	15120000	30173	4202192	20088435	10413147	2512	4201984	15120594	15119926	20509
6	4201632	15085840	15085840	286048	4201632	15087927	15087927	286171	4201632	15085440	15085440	278307	4201632	15085443	15085443	278307
7	4201744	12451575	12414779	409220	4201744	12450616	12414697	408961	4201984	15120694	9632050	35461	4201744	12464220	12415066	404359
8	4200936	15121518	11787036	21757	4200936	15121518	11787034	21758	4201632	15083617	9604657	288412	4200936	15121518	11787064	21758
9	4201272	15120140	10682752	85227	4201272	15120140	10682752	85227	4204448	8610000	8610000	182776	4201272	15120122	10683179	85185
10	4202192	20088435	10413147	2512	4202192	20088435	10413147	2512	4201456	15120000	8209782	46240	4202192	20088435	10413147	2512
11	4204432	8611517	8611517	21030	4204432	8611517	8611517	21030	4201272	15121321	5868180	57752	4204432	8611517	8611517	21029
12	4204448	8610000	8610000	182787	4204448	8610000	8610000	182783	4204432	8611517	5752805	21022	4204448	8610000	8610000	182788
13	4201224	15120139	4434954	86502	4201224	15120142	4437390	84631	4200952	7561515	3781514	11025	4201224	15120122	4436943	84507
14	4200952	7561515	3781514	10080	4200952	7561515	3781514	10081	4200920	15111592	2793600	20974	4200952	7561515	3781514	10089
15	4200920	15111592	3324556	20621	4200920	15111592	3324558	20621	4201224	15121321	2343327	57630	4200920	15111592	3324528	20599
16	4197280	2720039	2720039	46968	4197280	2720039	2720039	46966	4197192	2237075	2237075	115993	4197280	2720039	2720039	46965
17	4196952	2720006	2720006	27849	4196952	2720006	2720006	27837	4196864	2152986	2152986	108942	4196952	2720006	2720006	27838
18	4195352	2720000	2720000	28408	4195616	2720000	2720000	20545	4197280	2720039	2098269	47245	4195352	2720000	2720000	28408
19	4195616	2720000	2720000	20545	4195352	2720000	2720000	28408	4196952	2720006	1788160	28236	4195616	2720000	2720000	20545
20	4195184	2717824	2717824	20087	4195184	2717824	2717824	20086	4195184	2717824	1785956	20604	4195184	2717824	2717824	20085
21	4195488	2705357	2705357	24341	4195488	2705357	2705357	24341	4195616	2720000	1476420	20121	4195488	2705357	2705357	24342
22	4197192	2234661	2234661	115082	4197192	2234467	2234467	115021	4195352	2720000	1475882	21538	4197192	2234470	2234470	115030
23	4196864	2063826	2063826	104646	4196864	2063810	2063810	104636	4195488	1710370	1448174	13624	4196864	2063810	2063810	104636
24	4203728	820024	820015	74666	4203728	820056	820016	78185	4201720	1553119	777724	26354	4204240	820015	820015	17027
25	4204240	820015	820015	17040	4204240	820014	820014	17052	4204000	640782	640183	102117	4203368	820000	820000	37306
26	4203368	820000	820000	44265	4203368	820000	820000	43700	4203368	820000	578621	32224	4203728	820022	819992	75737
27	4203896	812672	812669	98105	4203896	812649	812645	97829	4196968	567014	567014	29188	4203896	812655	812652	99234
28	4201720	1552890	777483	30508	4201720	1552496	777083	30424	4204424	1039965	539068	2512	4201720	1552395	777012	29748
29	4196968	656174	656174	32877	4196968	656190	656190	32880	4203208	820082	537619	19478	4196968	656190	656190	32881
30	4204000	640939	640148	110113	4204000	640951	640145	109850	4204240	820041	518348	23404	4204000	641099	640143	110142
31	4203208	820082	638262	20564	4203208	820082	638262	20564	4203896	814832	513985	102424	4203208	820082	637253	20527
32	4204424	1039965	539068	2512	4204424	1039965	539068	2512	4197296	482926	482926	32720	4204424	1039965	539068	2512
33	4203544	820093	538534	139253	4203544	820090	537000	139407	4203728	820029	445329	64324	4203544	820092	538662	139472
34	4197296	485340	485340	33641	4197296	485534	485534	33694	4203544	820084	316049	138035	4197296	485531	485531	33699
35	4203496	820100	283566	142490	4203496	820098	283098	142630	4203224	410082	205082	9444	4203496	820100	281438	142756
36	4203224	410082	205082	8896	4203224	410082	205082	8902	4197176	337940	168173	6229	4203224	410082	205082	8905
37	4203192	819570	181646	15483	4203192	819570	181308	15539	4196848	304331	157133	3188	4203192	819570	182317	15525
38	4197176	337701	168175	6224	4197176	337943	168175	6224	4203192	819570	151878	15465	4197176	337942	168175	6225
39	4196848	308368	155798	3074	4196848	308360	155782	3072	4203496	820088	129467	139419	4196848	308360	155782	3072
40	4195896	132469	132469	22138	4195896	132965	132965	22197	4195896	140711	93137	16641	4195896	132965	132965	22197
41	4211400	90009	90009	11286	4211400	90009	90009	11293	4211400	90009	75692	11754	4211400	90009	90009	11291
42	4195880	47405	47405	6488	4195880	46909	46909	7485	4203976	80187	40170	11621	4195880	46909	46909	7484
43	4203976	80213	40197	14482	4203976	80205	40200	14492	4195504	1009902	27976	9414	4203976	80196	40190	14440
44	4201800	35644	35644	8424	4201800	33557	33557	8443	4201800	37867	27403	9075	4201800	36041	36041	8262
45	4201696	33527	22411	497	4201696	33738	18929	481	4195880	39163	25177	4492	4202296	16631	16631	1
46	4202296	16631	16631	1	4202296	16631	16631	1	4202296	16631	16631	1	4195504	14915	14915	147
47	4195504	14915	14915	147	4195504	14915	14915	147	4196944	35941	13139	458	4196944	31912	14490	419
48	4196944	31904	14482	419	4196944	31912	14490	419	4201696	32939	10226	464	4203360	10000	10000	10000
49	4203360	10000	10000	10000	4203360	10000	10000	10000	4203360	10000	9904	10000	4201696	36042	7770	468
50	4202112	7593	7592	11	4202112	7595	7594	11	4202112	7593	7591	11	4202112	7593	7592	11
51	4204056	7398	7398	2123	4204056	7423	7423	2154	4206536	9800	4800	9600	4204056	7415	7415	2146
52	4206536	9600	4800	9600	4206536	9600	4800	9600	4204056	5215	4374	1971	4206536	9600	4800	9600
53	4202416	6153	3109	24	4202416	6150	3107	22	4197272	2332	2099	36	4197272	2330	2097	37
54	4197272	2571	2097	39	4197272	2329	2097	36	4211392	3600	1800	714	4211392	3600	1800	708
55	4211392	3600	1803	713	4211392	3600	1800	708	4202416	6107	1598	24	4202416	6105	1597	23
56	4201976	1676	1646	1	4201976	1677	1619	1	4201976	1677	1516	1	4201976	1656	1518	1
57	4202440	1540	1526	5	4202440	1540	1526	5	4202088	1519	1516	1	4202088	1517	1514	1
58	4202088	1516	1513	1	4202088	1518	1515	1	4202376	1513	1513	1	4202376	1513	1513	1
59	4202376	1513	1513	1	4202376	1513	1513	1	4202440	1540	1512	5	4202440	1540	1512	5
60	4201528	1512	1512	1	4201528	1512	1512	1	4201088	1512	1512	1	4201056	1512	1512	1
61	4201200	1512	1512	1	4201192	1512	1512	1	4201056	1512	1512	1	4201200	1512	1512	1
62	4201416	1512	1512	1	4201200	1512	1512	1	4201448	1512	1512	1	4201528	1512	1512	1
63	4201168	1512	1512	1	4201168	1512	1512	1	4201200	1512	1512	1	4201192	1512	1512	1
64	4201192	1512	1512	1	4201088	1512	1512	1	4201416	1512	1512	1	4201168	1512	1512	1
Total L1 Misses	540727977			Total L1 Misses	544071830			Total L1 Misses	544081631			Total L1 Misses	544087653			
Total L2 Misses	496804181			Total L2 Misses	496800151			Total L2 Misses	398989255			Total L2 Misses	496786378			
Total EAs	1241			Total EAs	1237			Total EAs	1247			Total EAs	1235			
Total EAs (Miss)	284			Total EAs (Miss)	283			Total EAs (Miss)	286			Total EAs (Miss)	284			
Total EAs (Hit)	957			Total EAs (Hit)	954			Total EAs (Hit)	961			Total EAs (Hit)	951			
Only 1 EA	9			Only 1 EA	9			Only 1 EA	9			Only 1 EA	9			
Only 2 EA	9			Only 2 EA	9			Only 2 EA	9			Only 2 EA	9			
Only 3 EA	9			Only 3 EA	9			Only 3 EA	9			Only 3 EA	9			
Only 4 EA	9			Only 4 EA	9			Only 4 EA	9			Only 4 EA	9			

Rank	Config 01				Config 03				Config 07				Config 09			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4210776	917243	383909	428178	4210776	898029	371692	420386	4210776	854075	334431	426249	4210776	854069	335319	426579
2	4210744	810813	299099	259554	4210744	824490	302504	263359	4210744	849436	291158	267134	4210744	848863	290743	264357
3	4210784	1039670	63298	62764	4210768	191420	62896	109010	4210768	208224	59351	117564	4210768	208493	59076	117235
4	4210768	187039	62055	107572	4196592	69649	40049	20573	4210760	95261	26546	61439	4210760	95503	26816	61627
5	4196592	69549	39741	19526	4210784	1039529	34755	64950	4196816	27697	12887	27628	4196816	27693	12887	27638
6	4210792	1325127	34172	71278	4210792	1324774	32988	72904	4196264	25771	12135	25571	4196264	25771	12135	25571
7	4210760	91031	29774	57847	4210760	92406	29052	58185	4197000	25266	11935	25261	4197000	25189	11897	25186
8	4196536	66636	25011	16158	4196536	66557	28005	18421	4210784	1037650	11520	60279	4210784	1037233	10166	60197
9	4210456	160553	14128	55981	4196816	27682	12907	27616	4196592	69569	9669	21178	4204280	23887	10077	23880
10	4196816	27691	12921	27637	4197000	25422	12258	25355	4204280	23888	9005	23879	4198392	14159	6423	14087
11	4197000	25366	12261	25333	4196264	25771	12154	25771	4198392	14230	6448	14178	4196592	69533	5855	18724
12	4196264	25771	12227	25771	4204280	23880	11908	23877	4206096	14955	4426	14955	4206096	14922	4802	14922
13	4204280	23885	11906	23878	4206096	14940	10078	14940	4196536	66615	3675	14129	4198368	9877	2475	9827
14	4206096	14952	10281	14952	4198392	14914	8250	14842	4210792	1323216	2811	69145	4196536	66646	2153	13256
15	4198392	14905	8207	14818	4210456	163184	5943	58232	4198368	9852	2571	9805	4202096	13798	1806	13553
16	4209568	91612	7075	16340	4202096	13930	5349	13696	4202096	13777	1324	13533	4210792	1322635	1744	68783
17	4210376	87865	6112	11714	4198368	9812	3234	9780	4196928	2016	939	1386	4196928	2023	943	1390
18	4210400	41246	6051	18660	4210400	38065	2977	18350	4210456	164141	697	58684	4202200	2890	899	2734
19	4203752	231934	5216	16172	4210376	87646	2588	11903	4202200	2827	691	2642	4198360	2167	528	2159
20	4209672	73558	5033	12526	4209568	91731	2212	16303	4198360	2173	537	2162	4209568	91373	438	16615
21	4202096	13927	4982	13693	4202200	3156	2101	3021	4209568	91168	478	16593	4203576	1023	418	806
22	4204016	226564	4670	14964	4206536	23122	1936	5202	4204312	1871	439	1135	4204312	1871	360	1130
23	4210408	147449	4170	20850	4209672	73307	1611	12556	4203576	1022	430	803	4206064	503	343	502
24	4198368	9823	3290	9789	4196928	2018	1028	1362	4206064	500	361	500	4203544	1046	341	814
25	4196576	67069	2261	20486	4204312	1866	789	1105	4203544	1043	322	814	4203592	1019	330	802
26	4202200	3041	2033	2916	4196576	66810	758	21272	4203592	1013	313	796	4203568	1057	312	830
27	4210480	10015	1910	8835	4198360	1849	691	1844	4210400	36420	310	18446	4205872	381	291	364
28	4206536	23161	1831	5375	4203576	1019	607	803	4203568	1052	303	830	4198352	1823	280	1714
29	4210904	22544	1197	4201	4210480	10571	605	9297	4198352	1787	296	1695	4209672	73244	247	12694
30	4196928	2034	1003	1381	4198384	2942	556	1964	4209672	73121	291	12783	4210456	164524	234	58835
31	4204312	1873	807	1107	4206520	21581	548	5044	4205872	337	291	334	4206200	351	209	336
32	4210416	135084	736	21582	4196296	2416	543	1404	4206200	300	210	297	4205976	319	133	319
33	4210368	17908	734	1877	4203544	1040	493	809	4198384	2924	195	1897	4206536	23102	125	4727
34	4209560	12450	726	801	4203592	1006	476	795	4196296	2416	192	1392	4203680	375	123	313
35	4198360	1892	716	1890	4203568	1042	461	821	4206536	23114	188	4809	4210400	36201	108	18276
36	4208168	2859	681	5	4206064	500	456	500	4205976	319	154	319	4198384	2937	107	1909
37	4209528	4031	640	2048	4198352	1455	349	1379	4210376	87416	127	12080	4196296	2416	107	1392
38	4210392	6025	587	3842	4205872	354	330	353	4203680	375	126	311	4206152	263	107	263
39	4209784	10831	566	1797	4198376	10337	287	1836	4206160	243	105	198	4203688	266	83	217
40	4203576	1018	553	802	4196248	9627	287	1623	4202184	599	98	583	4210376	87440	80	12098
41	4209792	9382	547	633	4209976	37761	278	2870	4197040	1425	92	1418	4246232	257	80	256
42	4198384	2944	501	1950	4210392	5806	278	3685	4206152	233	91	233	4206160	243	79	198
43	4203544	1062	501	829	4210368	17813	259	1852	4203688	265	84	219	4197040	1166	75	1159
44	4196568	50327	499	15210	4205976	319	257	319	4246232	257	80	256	4202184	499	64	493
45	4206520	21047	490	4881	4206584	3847	242	1279	4210480	10929	57	9527	4197112	690	46	673
46	4210000	2865	489	1	4197024	1556	242	1492	4210904	22379	48	3536	4210904	22441	41	3599
47	4203592	1011	483	797	4210904	22564	239	4169	4209976	38721	47	2996	4209976	36350	40	3159
48	4196296	2416	482	1401	4210408	147036	237	20722	4197848	2137	45	1543	4197848	2118	38	1444
49	4203568	1069	464	847	4204264	9046	208	683	4202152	146	41	146	4202168	174	36	137
50	4206064	500	458	500	4206160	243	185	200	4197024	1466	39	1395	4208704	2671	33	8
51	4208704	2751	452	127	4203680	375	180	310	4206520	21777	36	4857	4202152	135	33	135
52	4198352	1528	397	1419	4206200	250	170	249	4209552	3142	35	2505	4197016	520	30	514
53	4209624	8096	352	4494	4196568	50396	159	15900	4208704	2665	33	7	4208168	2787	29	5
54	4209552	3260	346	2746	4197848	2218	158	1717	4208168	2755	32	4	4197072	347	29	338
55	4203792	18859	335	1982	4209552	3364	149	2799	4197112	600	31	584	4197024	1500	27	1417
56	4209976	40640	319	3194	4210416	134623	147	21428	4209560	11988	25	781	4206520	21699	25	4772
57	4205872	344	314	342	4209528	3929	146	2050	4210000	2831	25	1	4210000	2830	24	1
58	4196248	9627	295	1617	4210000	2884	141	1	4202168	124	25	102	4209560	11946	23	777
59	4198376	10363	279	1850	4206152	241	133	241	4196576	65882	24	21916	4209552	3108	22	2492
60	4204264	9051	274	698	4202168	416	130	328	4206584	3588	23	1039	4210392	5761	21	3647
61	4210384	2136	268	1830	4210384	1958	127	1712	4210392	5748	22	3647	4209528	3703	19	1720
62	4208240	2332	251	2205	4206568	1287	124	823	4208240	2351	22	2222	4196440	517	18	8
63	4209664	4291	250	923	4203688	263	120	216	4196440	505	22	6	4221224	84	18	10
64	4206584	4185	249	1571	4208168	2849	117	6	4198376	10327	19	1808	4206584	3647	17	1037
Total L1 Misses	6595888			Total L1 Misses	6590683			Total L1 Misses	6573510			Total L1 Misses	6571209			Total L1 Misses
Total L2 Misses	1099163			Total L2 Misses	1014857			Total L2 Misses	809710			Total L2 Misses	803013			Total L2 Misses
Total EAs	1465			Total EAs	1469			Total EAs	1466			Total EAs	1479			Total EAs
Total EAs (Miss)	548			Total EAs (Miss)	564			Total EAs (Miss)	540			Total EAs (Miss)	558			Total EAs (Miss)
Total EAs (Hit)	917			Total EAs (Hit)	905			Total EAs (Hit)	926			Total EAs (Hit)	921			Total EAs (Hit)
Only 1 EA	1			Only 1 EA	1			Only 1 EA	1			Only 1 EA	1			Only 1 EA
Only 2 EA	1			Only 2 EA	1			Only 2 EA	1			Only 2 EA	1			Only 2 EA
Only 3 EA	1			Only 3 EA	1			Only 3 EA	1			Only 3 EA	1			Only 3 EA
Only 4 EA	1			Only 4 EA	1			Only 4 EA	2			Only 4 EA	1			Only 4 EA

Rank	Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4210776	882642	372940	417237	4210776	864400	362578	410212	4210744	844082	317235	254218	4210744	846690	318825	255857
2	4210744	789373	311511	250178	4210744	798881	312284	254766	4210776	804817	313668	417268	4210776	801135	312277	416650
3	4210784	913183	64170	61296	4210768	191382	63494	106615	4210768	205340	55809	113813	4210768	205968	55815	114244
4	4196592	69622	40025	20149	4210760	83331	24862	56753	4210760	83319	25057	57050	4210760	83719	25057	57050
5	4210784	912415	34585	63393	4196816	27681	12887	27609	4196816	27681	12887	27612	4196816	27681	12887	27612
6	4210792	1333983	32489	71773	4210792	1333983	32489	71773	4196264	25771	12135	25571	4196264	25771	12135	25571
7	4196536	66523	28001	18378	4197000	25503	11948	25499	4197000	25592	11916	25585	4197000	25592	11916	25585
8	4210760	82634	27875	53172	4210784	912929	11571	58014	4210784	912091	10175	58106	4210784	912091	10175	58106
9	4196816	27686	12907	27625	4196592	69566	9627	21373	4204280	23872	10082	23871	4204280	23872	10082	23871
10	4197000	25367	12219	25312	4204280	23873	9021	23872	4198392	13811	6647	13751	4198392	13811	6647	13751
11	4196264	25771	12160	25771	4198392	13689	6293	13635	4196592	69498	5857	18738	4196592	69498	5857	18738
12	4204280	23872	11904	23872	4206096	14969	4424	14969	4206096	14939	4788	14939	4206096	14939	4788	14939
13	4206096	14955	10073	14955	4196536	66592	3693	14132	4196536	66659	2155	13242	4196536	66659	2155	13242
14	4198392	14567	8164	14497	4210792	1334020	2746	67366	4198368	10036	2104	9996	4198368	10036	2104	9996
15	4198392	14461	8134	14390	4210456	162207	5862	56396	4198368	9870	2434	9817	4202096	12805	1798	12613
16	4202096	12977	6250	16172	4202096	12977	5380	12807	4202096	12802	1324	12619	4210792	1333521	1750	67351
17	4210400	38044	3006	17634	4210400	38044	3006	17634	4196928	2023	955	1405	4196928	2023	955	1405
18	4198368	9475	2981	9425	4198368	9475	2981	9425	4198360	2491	778	2484	4202200	2918	949	2748
19	4210376	64633	2567	10088	4210376	64633	2567	10088	4202200	2875	767	2680	4198360	2381	654	2360
20	4202096	12885	4872	12709	4209568	92457	2189	16070	4210456	163136	698	56724	4209568	91881	427	16307
21	4204016	230284	4783	14244	4202200	2985	2125	2878	4209568	91788	481	16313	4203576	1018	417	800
22	4209672	67594	4348	10047	4206536	23003	1927	5267	4204312	1357	437	936	4204312	1359	360	941
23	4210408	133473	4298	19294	4209672	67310	1579	10417	4203576	1013	428	793	4203544	1037	342	807
24	4198368	9645	3044	9600	4196928	2022	1031	1379	4206064	504	363	502	4206064	500	342	500
25	4196576	67354	2300	20198	4198360	2247	966	2243	4198352	1869	338	1791	4205872	333	328	332
26	4202200	2990	2122	2866	4204312	1359	788	912	4203544	1027	320	790	4203592	1008	327	795
27	4210480	9114	1917	8203	4196576	67072	735	20713	4203592	1007	314	788	4203568	1038	317	818
28	4206536	23005	1825	5353	4210480	10074	696	8975	4203568	1028	308	802	4198352	1723	298	1596
29	4210904	16030	1218	2338	4203576	1104	606	887	4205872	318	297	318	4210456	163761	251	57269
30	4196928	2030	1010	1385	4198384	2485	565	1869	4210400	36807	294	17944	4209672	67361	243	10295
31	4198360	2371	941	2367	4206520	21485	542	5035	4209672	67378	276	10316	4206200	195	172	195
32	4204312	1360	804	913	4196296	1918	542	1219	4206200	236	203	236	4205976	307	133	307
33	4210416	117877	762	20794	4203544	1168	508	937	4198384	2442	195	1823	4206536	22999	128	4704
34	4209560	13186	714	876	4203592	1046	471	827	4196296	1918	192	1203	4203680	375	124	311
35	4210368	14712	703	1044	4206064	500	455	500	4206536	23003	185	4775	4210400	36469	111	17767
36	4209528	4064	642	2065	4203568	1165	437	945	4205976	307	151	307	4198384	2450	111	1837
37	4208168	2849	641	4	4198352	1740	429	1627	4203680	375	127	310	4196296	1918	107	1203
38	4210392	6735	566	3878	4205872	322	310	321	4210376	64525	121	10354	4206152	242	105	242
39	4209792	9722	561	655	4209976	28885	308	2649	4206160	212	104	195	4210376	64561	83	10375
40	4203576	1025	552	808	4198376	5885	302	1692	4203688	252	85	207	4203688	252	83	206
41	4209784	10097	546	1281	4196248	5715	289	1486	4206152	213	82	213	4246232	160	80	160
42	4203544	1054	512	815	4197024	1380	261	1350	4246232	160	80	160	4206160	212	78	194
43	4198384	2421	495	1823	4205976	307	256	307	4210480	10196	64	9124	4197040	446	77	446
44	4210000	2837	491	1	4210368	14638	252	1024	4197040	362	60	362	4202168	181	49	147
45	4196568	50537	487	14975	4210904	16045	249	2308	4197848	2139	58	1618	4209976	23645	44	2693
46	4203592	1010	483	794	4210392	6131	238	3628	4209976	29080	49	2885	4202184	441	44	438
47	4196296	1918	481	1217	4206584	3793	236	1259	4202184	517	48	506	4210904	16099	40	1966
48	4208704	2784	475	122	4210408	133351	220	19046	4210904	16057	47	1976	4197112	295	40	295
49	4206520	21085	474	4890	4204264	5151	209	584	4197024	1281	40	1238	4208168	2799	29	2
50	4206064	500	457	500	4206200	215	190	215	4197112	644	37	634	4197848	2155	27	1354
51	4203568	1054	453	838	4206160	212	187	195	4206520	21657	36	4712	4197016	1202	27	1183
52	4198352	1488	449	1403	4203680	384	181	317	4208704	2732	36	8	4209552	2996	26	2342
53	4203792	19816	399	1860	4196568	50487	157	15378	4210392	6129	31	3600	4197024	1271	26	1233
54	4209976	28142	353	3347	4197848	2299	154	1756	4208168	2785	31	2	4208704	2646	25	7
55	4205872	338	329	338	4210000	2857	151	1	4202168	121	31	95	4206520	21635	23	4669
56	4209552	3131	309	2602	4209552	3168	139	2598	4209552	3059	30	2398	4210000	2826	22	1
57	4196248	5715	304	1473	4210416	117772	138	20505	4209560	13006	28	787	4209560	13016	21	774
58	4198376	5894	301	1712	4210384	1884	136	1626	4210000	2810	27	1	4221224	48	21	6
59	4210384	2067	288	1768	4209528	3966	133	2000	4197016	1095	27	1075	4206584	3612	18	1033
60	4204264	5151	271	590	4206152	226	133	226	4196576	66052	26	22059	4197072	142	17	142
61	4206584	4051	261	1432	4209560	12978	129	781	4198376	5866	25	1684	4221112	32	16	25
62	4208240	2458	259	2312	4202168	440	128	353	4208240	2465	22	2328	4209624	7855	15	4343
63	4209624	7726	257	4240	4206568	1225	123	765	4206584	3592	21	1020	4196368	216	15	94
64	4197024	1334	247	1301	4208168	2805	121	8	4209528	3861	20	1745	4196440	485	14	7
Total L1 Misses	6256536			Total L1 Misses	6255370			Total L1 Misses	6243732			Total L1 Misses	6238966			
Total L2 Misses	1099292			Total L2 Misses	1014118			Total L2 Misses	809764			Total L2 Misses	803055			
Total EAs	1476			Total EAs	1467			Total EAs	1460			Total EAs	1476			
Total EAs (Miss)	488			Total EAs (Miss)	475			Total EAs (Miss)	474			Total EAs (Miss)	502			
Total EAs (Hit)	988			Total EAs (Hit)	992			Total EAs (Hit)	986			Total EAs (Hit)	974			
Only 1 EA	1			Only 1 EA	1			Only 1 EA	1			Only 1 EA	1			
Only 2 EA	1			Only 2 EA	1			Only 2 EA	2			Only 2 EA	2			
Only 3 EA	1			Only 3 EA	1			Only 3 EA	2			Only 3 EA	2			
Only 4 EA	2			Only 4 EA	1			Only 4 EA	2			Only 4 EA	2			

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4210776	942168	413985	415611	4210776	912084	394372	413988	4210776	868046	344402	421416	4210776	858500	345085	420405	4210776	938933	407503	421758	4210776	923809	400858	420100	4210776	856217	339011	422036	4210776	841673	334355	420693
2	4210744	723002	267700	247348	4210744	747415	281629	253931	4210744	771685	285902	256070	4210744	782504	286166	254784	4210744	714967	265138	249629	4210744	728753	271830	252631	4210744	777543	291694	251954	4210744	795200	297641	256224
3	4210784	520571	71075	55488	4210768	185920	61529	104826	4210768	201817	54701	112789	4210768	201438	54542	112918	4210784	325208	64275	52001	4210768	183588	60302	103427	4210768	198296	52573	109665	4210768	195783	51899	109674
4	4210768	181899	61585	101414	4196592	68370	39990	20438	4210760	90128	26573	59242	4210760	89705	26453	59118	4210768	182528	60386	102986	4210792	401756	50883	52441	4210760	91784	28078	60281	4210760	91617	28349	60666
5	4210792	664669	47071	60971	4210792	664022	37410	62576	4196816	27633	12887	27593	4196816	27638	12887	27568	4210792	401403	52828	51046	4210784	325518	43321	54054	4196816	27680	12887	27625	4196816	27680	12887	27613
6	4196592	68393	39746	19658	4210784	520691	35746	57777	4196264	25699	12135	25699	4196264	25699	12135	25699	4196592	69368	39693	20160	4196592	69323	39824	20905	4210784	325665	12796	48795	4196264	25763	12135	25763
7	4210760	84058	29700	53191	4210760	85524	28934	54819	4197000	25161	11910	25157	4197000	25174	11913	25173	4210760	86690	30772	55904	4210760	86543	30393	56178	4196264	25763	12135	25763	4197000	25296	11902	25291
8	4196536	65348	25039	16619	4196536	65377	27991	18535	4210784	520559	11576	53154	4210784	520474	10211	53278	4196536	66744	25074	16820	4196536	66798	28127	18892	4197000	25284	11903	25279	4210784	325289	11072	48535
9	4210456	84057	13536	36080	4196816	27637	12905	27509	4196592	68337	9625	21829	4204280	23871	10068	23868	4196816	27678	12921	27613	4196816	27678	12907	27618	4196592	69308	9577	21858	4204280	23869	10066	23868
10	4196816	27637	12920	27508	4197000	25135	12250	25074	4204280	23871	9007	23869	4198392	14037	6643	13983	4197000	25454	12256	25421	4197000	25216	12252	25153	4204280	23868	9052	23868	4198392	14224	6913	14190
11	4197000	25658	12278	25626	4196264	25699	12167	25699	4198392	13795	6455	13746	4196592	68275	5833	19534	4196264	25763	12224	25763	4196264	25764	12168	25764	4198392	13880	6475	13816	4196592	69319	5834	19565
12	4196264	25699	12228	25699	4204280	23868	11898	23866	4206096	14908	4384	14908	4206096	14922	4802	14922	4204280	23867	11895	23867	4204280	23869	11903	23869	4210792	401391	5761	48468	4206096	14933	4798	14933
13	4204280	23872	11898	23868	4206096	14909	10023	14909	4196536	65408	3687	15050	4196536	65480	2151	14184	4210456	55828	10906	30025	4206096	14932	10027	14932	4206096	14915	4376	14915	4210792	401107	3110	48504
14	4206096	14904	10253	14904	4198392	14637	8320	14554	4210792	663639	2761	58422	4198368	9475	1871	9430	4206096	14947	10215	14947	4198392	14404	8117	14332	4196536	66799	3742	15054	4196536	66790	2143	14058
15	4198392	14668	8281	14606	4210456	85544	6315	37432	4198368	9338	2101	9296	4202096	12020	1841	11946	4198392	14399	8079	14298	4210456	56501	6108	30964	4198368	9001	1850	8953	4202096	11978	1784	11935
16	4209568	47620	6433	10700	4202096	12082	5411	12023	4202096	12007	1368	11931	4210792	662817	1696	58546	4210376	13494	5298	3979	4202096	12035	5235	11984	4202096	11924	1330	11877	4198368	9142	1559	9110
17	4210376	37056	6018	8152	4210400	17845	3251	11259	4196928	2009	942	1389	4196928	2055	954	1425	4202096	11977	4835	11918	4210400	14697	3002	10168	4198360	2951	1030	2942	4196928	2021	956	1406
18	4210400	19782	5627	11618	4198368	9211	2685	9181	4198360	2829	861	2816	4202200	2701	904	2627	4210400	15786	4581	10323	4210376	13528	2433	4053	4196928	2021	956	1405	4202200	2520	921	2468
19	4203752	113741	5536	9251	4210376	37052	2181	8352	4202200	2647	703	2570	4198360	2639	821	2635	4203752	42301	3608	5705	4198368	8664	2422	8622	4202200	2501	751	2437	4198360	2708	830	2693
20	4202096	12068	4983	11995	4202200	2927	2116	2862	4210456	87004	701	38249	4209568	47356	454	10901	4209568	26580	2805	6623	4202200	2821	2092	2751	4210456	58165	641	31838	4203576	1003	417	785
21	4204016	106632	4695	9185	4209568	47658	2017	10904	4209568	47439	465	10974	4203576	1007	417	801	4204016	41651	2637	5498	4206536	18805	1866	3947	4198352	2053	483	1994	4209568	26585	416	6584
22	4209672	33568	4328	6705	4206536	19395	1798	4318	4204312	1271	440	837	4204312	1272	362	839	4210408	21491	2472	8267	4209568	26552	1773	6726	4209568	26610	469	6645	4198352	1807	391	1746
23	4210408	58600	4182	13426	4209672	33572	1444	7064	4203576	1006	429	801	4198352	1701	360	1651	4198368	8722	2453	8675	4198360	2960	1314	2956	4204312	1031	439	737	4204312	1032	362	737
24	4198368	9158	2673	9110	4198360	2509	1054	2505	4198352	1935	428	1866	4206064	494	341	494	4196576	61187	2272	19211	4209672	17298	1288	3657	4203576	1002	427	781	4203544	1001	345	769
25	4196576	60096	2105	18501	4196928	2066	1032	1405	4206064	494	363	494	4203544	1026	336	808	4202200	2821	2096	2756	4196576	61151	1092	19762	4206064	500	363	500	4206064	499	341	499
26	4202200	2900	2100	2836	4204312	1271	807	820	4205872	342	335	341	4203592	1014	331	797	4209672	17316	2000	3493	4196928	2008	1024	1365	4205872	331	331	331	4205872	330	330	330
27	4210480	6466	1846	5829	4210480	6963	709	6317	4203544	1023	323	802	4203568	1023	321	818	4206536	18859	1685	3978	4204312	1031	782	723	4203544	1000	318	765	4203592	1000	327	774
28	4206536	19373	1810	4345	4196576	59770	637	19180	4203592	1013	314	797	4205872	302	298	302	4210480	5495	1369	5088	4203752	42334	758	5676	4203592	1000	314	767	4203568	1006	312	786
29	4210904	11268	1155	2503	4203576	1017	607	832	4203568	1022	306	812	4209672	33510	243	6884	4198360	2937	1325	2929	4206520	20626	710	4742	4203568	1006	310	786	4210456	58098	234	31828
30	4198360	2510	1068	2508	4196296	1796	560	1053	4210400	16142	294	10966	4210456	87382	242	38413	4196928	2022	1012	1385	4198352	1912	700	1831	4210400	12706	287	9555	4209672	17269	215	3550
31	4210416	53285	1048	13156	4198384	2309	557	1794	4209672	33491	289	7016	4206200	221	202	221	4204312	1031	805	724	4210480	5975	653	5528	4209672	17296	262	3666	4206200	171	170	171
32	4196928	2023	1001	1383	4203544	1076	512	875	4198384	2317	197	1761	4205976	309	135	309	4210416	21478	786	8618	4209976	6346	649	1559	4198384	2095	194	1669	4205976	303	133	303
33	4204312	1270	831	827	4206520	20593	498	4805	4196296	1796	193	1043	4206536	19398	125	3885	4198352	1920	719	1851	4203576	1003	606	776	4196296	1542	192	929	4206536	18827	127	3551
34	4209560	7574	748	693	4198352	1571	485	1516	4206536	19389	187	3862	4203680	375	123	312	4210904	3351	717	1066	4210416	21515	553	8512	4206536	18817	185	3545	4203680	374	124	303
35	4210368	6574	719	983	4203592	1037	471	823	4206200	180	165	180	4196296	1796	121	1043	4196568	40144	705	12686	4196296	1542	540	935	4206200	170	169	170	4210400	12753	112	9769
36	4208168	2121	669	10	4206064	494	447	494	4205976	311	153	311	4210400	15852	112	10829	4205976	5997	691	1554	4198384	2094	538	1730	4205976	304	153	304	4198384	2109	110	1712
37	4210000	1389	602	1	4203568	1074	430	888	4203680	374	125	309	4198384	2298	109	1729	4206520	20355	681	4601	4210408	21528	536	8348	4203680	374	126	298	4196296	1542	107	929
38	4203576	1002	554	791	4204016	105860	352	9196	4210376	36953	117	8624	4206152	209	89	209	4210368	2128	681	378	4196568	40156	505	13023	4203752	42094	118	5302	4206152	231	101	231
39	4198352	1593	548	1538	4197024	1365	329	1352	4206160	204	110	195	4203688	254	83	208	4210000	1363	552	1	4203544	997	505	760	4210376	13507	108	4544	4203688	252	83	202
40	4206520	20175	514	4638	4205872	351	325	338	4206152	228	99	228	4206160	204	81	194	4203576	1003	552	767	4203592	1002	471	772	4206160	193	106	193	4206160	193	80	193
41	4196296	1796	508	1054	4196248	3387	302	1355	4203688	255	84	209	4210376	36974	80	8648	4203544	1000	524	750	4206064	500	453	500	4206152	246	93	246	4246232	160	80	160
42	4210392	2115	504	1843	4198376	3796	292	1531	4197040	1061	83	1060	4246232	178	80	178	4198384	2079	502	1676	4203568	1005	437	781	4197040	440	87	440	4197040	451	78	451
43	4198384	2298	500	1773	4203752	113780	290	9330	4246232	178	80	178	4197040	859	64	858	4196296	1542	483	931	4198376	1547	394	1231	4203688	252	85	203	4210376	13505	76	4640
44	4203544	1023	500	797	4209976	18994	282	2402	4210480	6985	68	6341	4202184	414	63	410	4203592	1002	480	765	4197024	1442	353	1429	4246232	160	80	160	4203752	42129	74	5445
45	4203592	1011	483	795	4210416	53228	279	13149	4197848	1714	64	1354	4202168	133	47	117	4203792	7322	464	1425	4205872	328	328	328	4196576	60294	61	20787	4197112	843	47	840
46	4209528	2088	481	1282	4210392	2042	278	1821	4209976	20072	61	2370	4209976	18955	45	2591	4206064	500	462	500	4204016	41434	284	5421	4210480	6086	57	5552	4202168	114	47	113
47	4208704	1227	475	17	4205976	309	259	309	4202184	488	59	480	4197112	680	40	667	4203568	1005	439	775	4196248	1159	283	882	4209976	6812	55	1620	4202184	393	45	388
48	4196568	39723	467	12341	4210408	58545	256	13517	4197112	656	48	643	4210904	11167	39	2056	4210392	1496	411	1402	4206584	2972	278	1068	4206520	20782	49	4433	4210904	3394	42	977
49	4203568	1027	466	807	4204264	2851	246	552	4210904	11125	47	2096	4197848	1741	39	1379	4208704	1059	405	108	4210392	1535	265	1415	4198376	1544	47	1218	4209976	6763	37	1588
50	4209784	4634	463	894	4206584	3087	223	1117	4197024	1290	39	1255	4208704	1210	36	100	4198376	1579	398	1253	4210368	2129	257	373	4202184	466	47	456	4206520	20785	35	4439
51	4206064	494	458	494	4210904	11166	217	2469	4197016	574	36	574	4197072	238	32	238	4196528	43405	338	9536	4205976	303	257	303	4210904	3367	46	976	4196568	39388	33	12193
52	4209792	4197	451	533	4210000	1386	189	1	4208168	2063	35	9	4208168	2036	31	5	4197024	1373	320	1349	4210904	3339	223	1111	4196568	39391	41	13613	4208704	1044	33	7
53	4203792	6562	422	1405	4206160	204	188	196	4209552	1667	34	1435	4197016	654	31	653	4206584	3105	307	1134	4204264	684	219	372	4197848	1732	41	1376	4208168	1002	31	5
54	4196528	43111	397	9682	4209552	1793	181	1578	4206520	20709	33	4520	4197024	1325	27	1278	4205872	296	289	296	4209168	1100	213	195	4197024	1264	40	1222	4197848	1624	28	1299
55	4209976	20151	373	3016	4203680	374	180	314	4208704	1209	31	4	4206520	20731	25	4522	4207728	1824	287	1402	4207600	2597	206	1659	4197112	863	40	860	4197016	906	28	905
56	4205872	347	339	346	4206200	213	176	213	4202168	86	28	76	4210000	1387	23	1	4196248	1159	277	876	4207728	1688	191	1265	4208704	1063	39	93	4209560	3652	27	398
57	4196248	3387	337	1361	4210368	6568	174	1007	4210000	1391	27	1	4209552	1574	22	1379	4204264	683	274	372	4209960	2742	190	528	4197016	883	35	882	4197024	1260	26	1221
58	4204264	2851	311	557	4197848	1722	154	1392	4206584	2977	26	927	4209560	7359	21	613	4209560	3608	256	439	4210000	1347	189	1	4210392	1590	34	1459	4196676	59974	24	18290
59	4209552	1644	300	1462	4197048	873	142	862	4209560	7447	25	688	4206584	2964	18	920	4206160	1356	253	886	4206160	193	186	193	4209552	957	32	860	4210000	1355	23	1
60	4197024	1397	289	1370	4202168	331	135	292	4210392	2004	24	1779	4196440	215	17	7	4205976	306	253	306	4203680	375	182	297	4208168	1028	31	6	4209552	888	22	789
61	4198376	3820	283	1564	4209528	2223	134	1342	4208240	1194	23	1150	4209792	4496	15	413	4207600	2531	240	1667	4197848	1830	175	1412	4202168	78	27	77	4197072	142	19	142
62	4205976	310	252	310	4197040	1473	133	1469	4196576	59280	22	20363	4209528	1938	15	1094	4209960	2543	228	547	4206200	173	172	173	4209560	3585	26	406	4221104	36	19	32
63	4211136	1206	250	1	4206152	228	131	228	4198376	3806	19	1528	4221104	38	15	33	4207624	1933	213	1290	4196528	44039	171	11016	4207504	1029	26	592	4204016	41535	18	5277
64	4196520	41521	245	9645	4196568	39771	128	12893	4209528	2008	19	1136	4221224	40	14	6	4206200	215	213	215	4207432	1625	163	1025	4207728	1625	25	1211	4206584	2741	18	837

	Config 55	Config 57	Config 61	Config 63	Config 73	Config 75	Config 79	Config 81
Total L1 Misses	4409537	4409259	4399455	4397992	3565548	3567093	3561409	3560903
Total L2 Misses	1116327	1021273	809791	803286	1087511	1042419	814019	805610
Total EAs	1473	1464	1455	1467	1461	1460	1453	1462
Total EAs (Miss)	514	512	505	515	433	441	430	425
Total EAs (Hit)	959	952	950	952	1028	1019	1023	1037
Only 1 EA	2	1	1	1	1	1	0	1
Only 2 EA	2	1	1	1	1	1	0	1
Only 3 EA	2	1	1	1	1	1	0	1
Only 4 EA	2	1	2	1	1	1	0	1

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
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2	4216856	714927	705043	58311	4216856	715169	705194	58125	4216856	714982	704838	57856	4216856	715100	704965	57583	4216856	665984	658869	41167	4216856	666111	658893	40693	4216856	665108	657913	41253	4216856	664928	657800	40896
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9	4216424	211995	161793	13560	4216424	212388	161926	13558	4216424	213830	162575	13639	4216424	215114	163362	13687	4216424	187022	131330	11330	4216424	187227	131235	11298	4216424	188885	132157	11471	4216424	189965	132839	11484
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64	4223152	29273	13056	28659	4223152	29273	13056	28659	4197584	18077	8757	18077	4217032	37032	10819	4729	4198432	99723	9627	69232	4198312	17678	8892	17678	4203976	32125	7958	4304	4216408	36323	8631	2345
Total L1 Misses	33358478			Total L1 Misses	33361876			Total L1 Misses	33369655			Total L1 Misses	33369254			Total L1 Misses	21329064			Total L1 Misses	21328734			Total L1 Misses	21330198			Total L1 Misses	21329437		
Total L2 Misses	6575220			Total L2 Misses	6475178			Total L2 Misses	6141871			Total L2 Misses	6114191			Total L2 Misses	6568552			Total L2 Misses	6478169			Total L2 Misses	6140937			Total L2 Misses	6113299		
Total EAs	2375			Total EAs	2371			Total EAs	2372			Total EAs	2381			Total EAs	2339			Total EAs	2354			Total EAs	2353			Total EAs	2352		
Total EAs (Miss)	884			Total EAs (Miss)	892			Total EAs (Miss)	895			Total EAs (Miss)	885			Total EAs (Miss)	577			Total EAs (Miss)	583			Total EAs (Miss)	583			Total EAs (Miss)	585		
Total EAs (Hit)	1491			Total EAs (Hit)	1479			Total EAs (Hit)	1477			Total EAs (Hit)	1496			Total EAs (Hit)	1762			Total EAs (Hit)	1771			Total EAs (Hit)	1770			Total EAs (Hit)	1767		
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0		
Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0		
Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0		

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4216808	1305270	865286	87123	4216808	1306533	865345	86786	4216808	1312469	865587	87477	4216808	1314198	865146	87166	4216808	1318954	857452	78956	4216808	1319954	857474	78422	4216808	1325080	857361	79415	4216808	1326990	857332	79061
2	4216856	687478	680309	51179	4216856	687764	680526	50809	4216856	687522	680238	51103	4216856	687123	679860	50683	4216856	659240	652066	40161	4216856	659177	651945	39513	4216856	658018	650900	40074	4216856	656761	649665	39586
3	4216768	496873	362946	41649	4216768	496426	362815	41308	4216768	496929	364218	41602	4216768	496630	365263	41300	4216768	496541	372772	30597	4216768	495918	372520	30069	4216768	497857	375229	30735	4216768	497920	376337	30346
4	4202000	711929	273859	506843	4202000	711512	258865	502540	4216880	344231	241394	25022	4216880	344940	242525	24821	4202000	649172	263239	473508	4202000	648584	255736	469185	4216880	371473	255773	22509	4216880	372667	256912	22314
5	4216872	575579	249669	76141	4216872	575568	245239	76002	4216872	575578	217039	75408	4216872	575579	196696	75181	4216880	371556	252224	22500	4216880	372253	252954	22179	4216872	473351	215363	66348	4216760	426113	199728	25641
6	4216880	344275	237403	25139	4216880	344435	237921	24877	4216704	505910	197821	71863	4216760	411488	191139	28162	4216872	473351	246925	67038	4216872	473351	245074	66916	4216704	404999	198633	60892	4216872	472011	196306	66062
7	4216704	508785	222506	72276	4216704	508764	218152	72198	4202000	711760	194248	502034	4202000	711435	185019	497524	4216704	407688	222020	61292	4216704	407756	218331	61265	4216760	422046	197123	25555	4202000	648704	184589	464673
8	4216760	400981	184866	27619	4216760	402665	185745	27585	4216760	407941	188757	28069	4216704	505467	182606	71774	4216760	414730	192963	25059	4216760	416605	193982	25022	4202000	648723	192750	468931	4216704	403829	184055	60666
9	4203032	261468	126446	31049	4203200	261544	124177	27608	4203112	262250	125936	29961	4203112	262250	124066	29957	4216424	193705	137223	11587	4216424	193940	137279	11543	4216424	195175	137858	11704	4216424	196436	138595	11724
10	4203200	261544	126424	27606	4203264	262153	124097	50160	4202976	261800	125936	30918	4202976	261800	124066	30917	4216888	172931	129062	10751	4216888	172704	128920	10445	4203032	251940	125936	29892	4216888	168927	125832	10331
11	4202976	261800	125981	30916	4203112	262250	124066	29958	4203200	261544	125936	27610	4203200	261544	124066	27607	4203200	251832	126242	26487	4203200	251832	124154	26488	4203112	251838	125936	28724	4203224	251940	124066	29870
12	4203112	262250	125972	29958	4203344	262179	124066	61021	4203032	261468	125936	31052	4203224	261523	124066	31035	4203032	251940	126241	29892	4203224	251940	124077	29870	4203200	251832	125936	26489	4203032	251940	124066	29870
13	4203344	262179	125414	61019	4203448	262176	124066	50153	4203264	262153	125296	50160	4203032	261468	124066	31050	4203112	251838	125972	28724	4203032	251940	124066	29891	4202976	251804	125936	29740	4203112	251838	124066	28739
14	4203704	250274	125372	14158	4202976	261800	124066	30918	4203344	262179	125265	61022	4203704	250274	124066	14155	4202976	251657	125963	29724	4203344	251872	124066	58566	4216888	168934	125815	10570	4202976	251838	124066	29745
15	4203264	262153	125351	50158	4203224	261523	124066	31036	4203704	250274	124756	14157	4204024	249820	124066	28507	4203344	251872	125422	58566	4203448	251872	124066	48157	4203264	251869	125285	48149	4203200	251832	124066	26487
16	4203224	261523	124474	31035	4203032	261468	124066	31051	4203224	261523	124100	31037	4204032	249620	124066	35512	4203264	251869	125318	48149	4203112	251838	124066	28723	4203344	251872	125253	58566	4204024	247996	124066	28800
17	4203448	262176	124373	50152	4203704	250274	124066	14159	4204032	249620	124066	35545	4203344	262179	124020	61019	4203224	251940	124474	29871	4202976	251634	124066	29719	4203224	251940	124100	29872	4204032	247996	124066	35350
18	4203664	250015	124157	10655	4204024	249820	124066	28500	4203744	250184	123998	30360	4203264	262153	124020	50160	4203448	251872	124410	48157	4204024	247996	124066	28686	4204032	247996	124066	35392	4203704	247996	124066	13689
19	4204024	249820	124110	28494	4204032	249620	124066	35505	4203664	250015	123484	10652	4203744	250173	123998	30387	4203704	247996	124123	13692	4204032	247996	124066	35349	4203744	247996	123965	30056	4203344	251872	124020	58576
20	4204032	249620	124099	35506	4202728	249131	124066	43888	4204024	249820	118577	28537	4203664	250016	123998	10654	4203664	247996	124100	10277	4202728	247996	124066	43763	4203704	247996	123450	13692	4203264	251869	124020	48142
21	4202728	249131	124066	43887	4203664	250015	124032	10653	4202728	249157	116440	43893	4202728	249109	116760	43884	4204032	247996	124099	35352	4203704	247996	124066	13690	4203664	247996	123416	10274	4203664	247996	123998	10217
22	4203744	250173	123998	30370	4203744	250173	123998	30394	4216424	170925	115567	11951	4216424	172090	116386	11983	4204024	247996	124088	28686	4203664	247996	124032	10275	4204024	247996	118379	28725	4203744	247996	123998	30168
23	4216424	168937	114670	11857	4216424	169356	114782	11851	4216640	239381	110988	18146	4216640	239392	110975	18041	4202728	247996	124066	43763	4203264	251869	124020	48149	4202728	247996	115825	43763	4202728	247996	116074	43763
24	4216888	169782	113480	15055	4216888	169399	113136	14872	4216888	164848	109606	14706	4216888	164329	109313	14505	4203744	247996	123998	30052	4203744	247996	123998	30053	4216640	222094	110988	13173	4216640	221929	110975	13089
25	4216640	239414	111127	18179	4216640	239426	110976	18057	4216648	195295	106145	14553	4216512	244849	105474	14992	4216640	222094	111047	13124	4216640	222094	110976	12981	4216512	243711	108403	14496	4216512	243812	108616	14477
26	4216648	202833	110470	15076	4216648	201052	109329	14753	4216512	244831	105351	15018	4216648	191304	103553	14107	4216512	243300	108007	14466	4216512	243368	108049	14419	4216648	188990	103119	11712	4216648	184529	100089	11244
27	4216512	244621	104908	15010	4216512	244651	105043	14986	4216632	200205	96963	14928	4216632	200251	97008	14851	4216648	196590	107482	12138	4216648	194758	106278	11744	4216632	193695	96650	11583	4216632	193626	96615	11513
28	4216632	200251	96986	14935	4216632	200184	96986	14847	4216792	169410	88010	13182	4203448	262176	95536	50152	4216632	193705	96660	11550	4216632	193706	96638	11428	4216792	155957	82846	9471	4203448	251872	95503	48162
29	4216792	168765	87748	13121	4216792	168895	87782	13075	4216680	466658	65824	37026	4216792	169856	88152	13140	4216792	155630	82784	9448	4216792	155630	82784	9339	4216680	466198	62766	28752	4216792	156576	83225	9438
30	4201952	200704	80954	154007	4201952	200572	75502	152418	4216320	56509	54164	3448	4216680	464714	64781	36551	4201952	171657	80654	137586	4201952	171334	75221	136251	4216320	58169	55969	3444	4216680	464098	61730	28235
31	4216680	468921	66893	37263	4216680	468419	66428	36915	4203448	262176	52243	50152	4216320	56800	54456	3458	4216680	469026	63614	28849	4216680	468149	63307	28249	4203448	251872	52322	48156	4216320	58530	56308	3468
32	4216320	55365	53111	3390	4216320	55565	53333	3384	4201952	200708	48014	150741	4201952	200633	43720	149367	4216320	57124	55016	3382	4216320	57337	55228	3382	4216304	109079	50209	6496	4216304	109736	50504	6526
33	4216848	234025	46221	34310	4216848	234037	44222	34291	4216672	168682	32594	26401	4216304	89762	32251	6472	4216304	108191	50096	6420	4216304	108191	50096	6420	4201952	171572	48156	135186	4201952	171363	43682	134265
34	4216672	168705	45981	26468	4216672	168694	44122	26470	4216304	89152	31990	6446	4216672	168638	30153	26375	4216848	100818	46369	16173	4216848	100819	44244	16177	4216672	101089	32890	16439	4216672	100440	30061	16304
35	4201936	116169	39184	91836	4216304	88175	31935	6374	4216848	234036	31437	34246	4216408	55147	28208	4287	4216672	101089	46295	16512	4216672	101089	44157	16493	4216848	100840	31849	16149	4216848	100092	27763	16026
36	4201224	79640	33378	52861	4201936	116069	30535	91156	4216408	55430	28468	4326	4216848	234038	27885	34215	4201936	92282	39732	76554	4201936	92207	30151	76204	4216688	60729	23042	9641	4216688	61924	21803	9810
37	4200936	78761	31984	54871	4216408	55697	28759	4344	4216688	67103	22833	10589	4216688	67946	21307	10695	4198880	65735	30736	57294	4198880	65751	27228	57741	4216392	22248	20888	1405	4216392	21165	19987	1323
38	4216304	87891	31853	6374	4198880	78281	27357	67132	4216392	21675	20174	1644	4216392	20782	19346	1564	4201224	65274	30278	45152	4201224	65246	25642	44838	4201936	92152	20497	75938	4204056	31009	15505	1712
39	4198880	78274	30619	66631	4201224	79661	26371	51904	4201936	115998	20153	90391	4216440	23717	18884	2274	4200936	68111	29434	48783	4200936	68124	25634	48544	4201224	65269	18750	44558	4203016	110204	15504	5626
40	4216408	55936	29009	4397	4200936	78784	26313	54051	4201224	79642	19451	51592	4204056	512805	15507	36044	4201616	59534	28622	39596	4216688	58004	23209	9228	4200936	68147	18070	48493	4203176	109252	15504	6972
41	4201616	69583	28127	44331	4216688	64398	22984	10191	4216440	24351	19260	2340	4203992	283648	15504	32945	4216688	57755	23601	9188	4201616	59476	22773	38607	4198880	65732	16360	58574	4203312	107932	15504	12343
42	4216688	64048	23494	10142	4201616	69574	22884	42747	4200936	78775	18530	53970	4203976	262831	15504	31330	4216392	23759	22466	1481	4216392	23632	22329	1446	4203312	107943	15526	12282	4203240	107709	15504	12420
43	4216392	23157	21655	1762	4216392	22977	21510	1720	4198880	78245	16314	68085	4203016	53236	15504	3672	4202952	104697	16048	5512	4204056	31009	15505	1713	4203176	109388	15515	7013	4202952	105122	15504	5454
44	4216440	25446	19911	2415	4216440	25050	19648	2352	4203176	51944	15538	4464	4203080	52726	15504	3640	4203080	104590	16027	5538	4203016	110340	15504	5729	4203096	104749	15515	7063	4203080	105106	15504	5544
45	4203080	52726	16233	3640	4204056	512803	15505	36033	4204056	512803	15505	36048	4202952	52046	15504	3613	4203312	107865	15764	12278	4203176	109388	15504	7015	4216568	31039	15514	1841	4203096	104920	15504	7071
46	4202952	52046	16233	3613	4203992	283648	15504	32938	4203992	283648	15504	32936	4203176	51944	15504	4463	4203240	107637	15741	12366	4203312	107865	15504	12280	4203080	104937	15506	5538	4203720	31008	15504	3818
47	4203240	51484	15848	7934	4203976	262831	15504	31328	4203016	53236	15504	3672	4203312	51485	15504	7904	4203416	107860	15720	13198	4203416	107849	15504	13200	4204056	31010	15506	1713	4203640	31008	15504	1823
48	4203312	51485	15831	7905	4203016	53236	15504	3672	4203080	52726	15504	3640	4203240	51484	15504	7934	4203096	104493	15651	7064	4203240	107626	15504	12368	4203016	110340	15504	5726	4203680	31008	15504	1424
49	4203416	51358	15809	8400	4203080	52726	15504	3640	4202952	52046	15504	3613	4203096	43386	15504	4291	4203016	110340	15571	5728	4202952	104786	15504	5510	4203240	107705	15504	12372	4203992	31008	15504	3650
50	4203176	51944	15640	4463	4202952	52046	15504	3613	4203312	51485	15504	7905	4203720	35101	15504	4143	4216568	31050	15571	1839	4203080	104772	15504	5539	4202952	104954	15504	5510	4203976	31008	15504	4218
51	4203096	43385	15640	4292	4203176	51944	15504	4463	4203240	51484	15504	7935	4203680	34489	15504	1781	4203176	109388	15537	7014	4203096	104583	15504	7062	4203680	31008	15504	1482	4216568	31028	15502	1835
52	4203016	53236	15572	3673	4203312	51485	15504	7905	4203096	43388	15504	4291	4203640	34227	15504	2069	4203720	31008	15527	3763	4203720	31008	15504	3762	4203720	31008	15504	3763	4201936	81945	14925	68242
53	4203720	35100	15572	4135	4203240	51484	15504	7935	4203720	35100	15504	4142	4216568	33759	15502	2226	4203680	31008	15516	1482	4203992	31008	15504	3765	4203992	31008	15504	3765	4201224	65162	14915	44317
54	4203680	34477	15572	1791	4203416	51358	15504	8400	4203680	34489	15504	1783	4201936	116007	15255	89543	4203976	31008	15515	4162	4203976	31008	15504	4163	4203640	31008	15436	1823	4200936	68129	14802	48378
55	4204056	512683	15505	36059	4203096	43388	15504	4294	4216568	33784	15502	2229	4201224	79668	15067	51367	4204056	31010	15506	1716	4203680	31008	15504	1481	4202704	31008	14472	5471	4202704	31008	14753	5471
56	4203992	283529	15504	32907	4203720	35100	15504	4145	4203640	34228	15436	2068	4200936	78779	15005	53700	4202704	31008	15504	5471	4203640	31008	15504	1823	4201616	59560	14339	37513	4216288	28303	14361	1686
57	4203976	262761	15504	31313	4203680	34489	15504	1784	4202704	33750	14393	5917	4202704	33750	14554	5916	4203992	31008	15504	3764	4202368	31008	15504	3711	4216288	28245	14326	1682	4198880	65741	14080	58632
58	4203640	34227	15504	2070	4203640	34227	15504	2069	4201616	69577	14222	41819	4198880	78252	14096	68274	4202368	31008	15504	3712	4202704	31008	15504	5471	4223152	26135	13056	26135	4223152	26135	13056	26135
59	4202704	33750	15504	5912	4202704	33750	15504	5918	4216288	29271	14013	1980	4216288	29237	13968	1988	4216568	31017	15502	1823	4216568	31017	15502	1830	4203416	107928	11272	13203	4203416	107903	12166	13221
60	4202368	32719	15504	3877	4202368	32719	15504	3878	4223152	26563	13055	26406	4223152	26563	13055	26406	4216288	28235	14338	1688	4216288	28234	14338	1672	4197584	17513	8757	17513	4201616	51939	11456	33696
61	4216568	33967	15502	2254	4216568	33828	15502	2232	4203416	51358	11272	8400	4203416	51358	12100	8400	4223152	26135	13056	26135	4223152	26135	13056	26135	4198312	17649	8739	17649	4197584	17513	8757	17513
62	4216288	29225	13990	1973	4216288	29247	13990	1972	4216384	12487	9564	1410	4201616	69582	11355	40455	4198432	44671	10774	36491	4198312	17649	8892	17649	4216440	11190	8485	785	4198312	17649	8683	17649
63	4223152	26563	13056	26406	4223152	26563	13056	26406	4197584	17652	8757	17652	4216384	12511	9679	1417	4198856	41772	10430	34577	4197584	17513	8757	17513	4203976	31008	7947	4163	4216440	10763	8282	732
64	4198856	38577	10533	32627	4216384	12754	9231	1413	4198312	18657	8745	18657	4197584	17652	8757	17652	4200920	43159	10069	31434	4198432	44660	8533	36474	4201808	38002	4858	28367	4202368	31008	7218	3769

	Config 55	Config 57	Config 61	Config 63	Config 73	Config 75	Config 79	Config 81
Total L1 Misses	16273648	16274930	16272750	16272478	14151590	14150861	14151793	14133691
Total L2 Misses	6586459	6482777	6144356	6114012	6562245	6479123	6140104	6120460
Total EAs	2362	2367	2363	2370	2351	2345	2368	2360
Total EAs (Miss)	803	796	795	793	498	498	505	495
Total EAs (Hit)	1559	1571	1568	1577	1853	1847	1863	1865
Only 1 EA	0	0	0	0	0	0	0	0
Only 2 EA	0	0	0	0	0	0	0	0
Only 3 EA	0	0	0	0	0	0	0	0
Only 4 EA	0	0	0	0	0	0	0	0

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4265968	1070154	1053525	5735	4265968	1070212	1058366	5762	4265968	1070309	777580	6030	4265968	1070434	851018	5912	4265968	1070179	1053181	5661	4265968	1070609	1058123	5725	4265968	1070418	777045	6000	4265968	1070692	850216	5974
2	4266088	1060226	1045002	4884	4266088	1060193	1049598	4854	4266088	1060243	773970	5208	4266088	1060011	847383	5069	4266088	1059946	1044766	4737	4266088	1060245	1049457	4816	4266088	1060001	773770	5132	4266088	1060386	847452	5181
3	4265552	96565	94101	888	4265552	96942	95222	904	4265552	96748	50366	902	4265552	96748	62634	902	4265552	96696	94210	904	4265552	96945	95206	903	4265552	96751	50296	901	4265552	96751	62504	901
4	4266040	11240	9870	1109	4266040	11326	9904	1119	4266040	11312	7074	1103	4266040	11746	7190	1175	4266040	11235	10060	1003	4266040	11502	10074	1062	4266040	11456	7242	1075	4266040	11414	7040	1077
5	4550904	7721	2442	7721	4550904	7720	2390	7719	4550904	7721	2352	7720	4550904	7716	2342	7715	4550904	4825	2410	4825	4550904	4829	2377	4829	4550904	4826	2343	4826	4550904	4827	2336	4827
6	4215928	2623	2428	7	4569296	2672	2089	1	4569296	2673	1629	1	4265816	1453	1105	214	4569296	2478	2122	1	4569296	2478	2089	1	4569296	2480	1626	1	4265816	1120	1110	11
7	4569296	2673	2121	1	4557584	2153	1824	35	4557584	2136	1447	39	4569296	2672	1091	1	4557584	2037	1742	32	4557584	2072	1750	30	4557584	2045	1344	40	4569296	2479	1091	1
8	4557584	2132	1845	31	4551024	8129	1728	16	4551024	8122	1277	17	4557584	2162	950	43	4265816	1108	1106	7	4265816	1112	1106	10	4265816	1112	1102	13	4557584	2047	873	37
9	4199960	14077	1400	262	4265816	1398	1119	200	4265816	1401	1110	205	4551024	8118	824	20	4569712	1054	1025	1	4569712	1021	956	1	4569712	916	767	1	4569712	796	503	1
10	4265816	1416	1116	193	4472864	833	738	1	4472864	843	588	1	4270896	437	437	437	4472864	828	742	1	4472864	839	744	1	4472864	842	585	1	4270896	436	436	436
11	4551024	7239	945	14	4270896	438	438	438	4270896	438	438	438	4271000	434	434	434	4200056	714	613	41	4270896	436	436	436	4200056	759	498	33	4271000	434	434	434
12	4493912	3790	744	24	4271000	436	436	436	4271000	436	436	436	4284520	574	409	574	4270896	436	436	436	4271000	433	433	433	4270896	436	436	436	4284520	548	409	548
13	4472864	830	742	1	4284520	533	410	533	4284520	518	409	518	4472864	844	390	1	4271000	433	433	433	4284520	509	411	508	4271000	434	434	434	4472864	849	395	1
14	4200056	688	660	45	4271896	437	403	437	4302200	1012	382	978	4302200	991	380	967	4284520	521	410	521	4271896	437	401	437	4284520	499	409	499	4200056	641	392	48
15	4596080	4787	504	7	4271952	404	392	404	4302112	656	319	573	4271896	420	337	420	4271896	432	396	432	4271952	416	400	416	4302200	955	377	921	4302200	947	376	908
16	4270896	435	435	435	4302200	1007	384	968	4200056	580	289	39	4200056	719	328	36	4271952	407	393	407	4302200	953	381	905	4302112	410	282	371	4271896	438	348	438
17	4203856	433	433	1	4265448	442	378	1	4271896	426	219	426	4271952	360	316	360	4302200	964	385	920	4265448	440	378	1	4284608	242	241	242	4271952	381	330	381
18	4271000	433	433	433	4557752	1306	369	229	4284608	218	215	218	4302112	629	292	581	4265448	439	377	1	4557752	528	355	96	4271896	432	218	432	4302112	406	270	364
19	4595136	574	431	8	4302112	641	307	573	4557752	1306	212	216	4284608	226	224	226	4199960	2215	363	64	4200056	466	348	35	4271952	327	212	327	4284608	254	252	254
20	4284520	522	410	522	4200056	503	265	40	4271952	322	212	322	4265448	442	186	1	4557752	530	362	86	4302112	418	275	370	4557752	528	209	94	4265448	440	186	1
21	4271896	434	395	434	4284608	203	200	203	4284432	219	186	217	4284432	218	179	216	4302112	424	288	368	4284608	236	236	236	4265448	439	185	1	4284432	150	150	150
22	4302200	1005	394	968	4284432	230	198	228	4265448	441	185	1	4557752	1306	136	227	4265512	322	248	15	4284432	165	164	164	4284432	158	157	158	4557752	528	136	94
23	4271952	409	392	409	4301792	833	68	589	4301792	835	65	585	4301792	832	65	595	4284608	217	217	217	4551024	522	135	4	4551024	537	122	4	4302288	143	93	141
24	4265512	452	380	17	4557616	801	67	801	4301704	487	59	321	4302288	104	64	104	4284432	184	183	184	4302288	136	91	135	4569720	755	86	1	4551024	508	65	2
25	4265448	442	378	1	4302288	99	62	98	4569712	61	48	1	4301704	474	61	314	4493912	143	106	6	4557616	354	80	354	4302288	137	80	133	4301792	866	64	645
26	4557752	1306	368	223	4301704	463	60	303	4557616	801	39	801	4557616	801	35	801	4557616	355	98	355	4569720	633	69	1	4301792	872	64	636	4301704	364	60	312
27	4302112	645	313	569	4569712	48	45	1	4302288	80	39	80	4569712	56	35	1	4596288	98	95	27	4301792	907	67	657	4301704	367	57	312	4557616	355	42	355
28	4284608	213	211	213	4569720	277	39	1	4558560	389	34	1	4284112	312	34	278	4301792	873	86	646	4301704	350	59	301	4557616	354	46	354	4569720	853	41	1
29	4284432	220	188	218	4558560	379	37	1	4284112	313	34	279	4558560	401	32	1	4302288	124	78	123	4558560	379	42	1	4550848	514	45	7	4550848	511	36	8
30	4596288	144	142	32	4284112	314	36	288	4284024	257	32	193	4284024	258	32	203	4551024	407	72	4	4284112	222	36	212	4558560	396	44	1	4284112	225	36	213
31	4301792	838	92	603	4284024	253	35	204	4569720	271	31	1	4582936	32	27	5	4301704	357	60	309	4284024	170	35	156	4582936	39	38	7	4284024	180	34	165
32	4557616	800	88	800	4551032	9522	28	177	4582936	36	31	5	4569720	265	23	1	4550848	541	51	12	4551032	267	32	67	4284112	222	34	211	4558560	394	27	1
33	4301704	464	63	314	4582936	28	23	4	4582832	36	28	6	4271992	59	21	59	4284112	221	46	212	4550848	499	31	7	4582832	37	34	6	4271992	56	18	56
34	4302288	93	57	93	4582832	24	20	6	4302064	27	19	25	4302064	30	21	28	4569720	641	45	1	4550760	845	28	6	4284024	176	32	162	4551032	427	17	65
35	4569712	59	57	1	4472832	19	19	1	4551032	9135	17	176	4582832	29	21	6	4558560	385	44	1	4582936	29	28	7	4551032	357	17	64	4302064	20	14	19
36	4284112	316	54	292	4302064	22	12	20	4472832	9	9	1	4551032	8786	17	189	4582936	45	44	6	4582832	28	26	6	4550760	863	15	7	4582936	15	14	8
37	4558560	389	46	1	4284384	13	12	13	4271992	103	8	103	4550848	462	13	8	4582832	44	41	7	4302064	21	15	20	4302064	24	15	24	4582832	19	13	8
38	4569720	281	39	1	4271992	33	10	33	4284384	9	8	9	4472832	8	8	1	4284024	170	35	159	4472832	13	13	1	4284384	11	11	11	4284384	7	7	7
39	4284024	242	38	197	4301880	49	7	48	4493952	769	5	22	4271760	10	7	10	4551032	225	33	63	4284384	11	11	11	4271992	104	10	104	4265864	12	6	10
40	4582936	42	35	5	4550760	618	5	10	4301880	24	5	23	4284384	7	6	7	4550760	838	28	7	4199960	2211	9	60	4472832	10	10	1	4270728	6	6	6
41	4493952	827	32	25	4265864	13	5	9	4550848	410	4	6	4270728	6	6	6	4472832	24	22	1	4200608	30	8	12	4301880	26	7	25	4582864	19	5	9
42	4551032	9782	30	185	4199960	14061	4	277	4582864	35	4	7	4493952	768	5	19	4596080	35	20	1	4301880	43	7	42	4270728	6	6	6	4581184	7	4	4
43	4582832	38	30	6	4582864	25	4	7	4270728	4	4	4	4582864	28	5	7	4302064	19	15	18	4271992	21	7	21	4265864	15	4	12	4582784	6	4	3
44	4472832	24	23	1	4200608	12	4	6	4215928	2605	3	76	4301880	35	4	33	4284384	10	10	10	4270728	7	7	7	4200608	25	3	13	4301880	29	3	29
45	4302064	15	11	13	4582784	9	4	2	4583208	3	3	3	4265864	29	4	12	4301880	35	7	35	4596288	107	5	30	4581184	6	3	4	4582816	4	3	4
46	4580016	11	11	1	4270728	4	4	4	4199960	14049	2	286	4271696	22	4	22	4270728	7	7	7	4581184	8	5	4	4582784	5	3	3	4582824	3	3	1
47	4284384	11	11	11	4493952	769	3	20	4265864	14	2	10	4271832	21	4	21	4609056	7	5	1	4265864	8	5	8	4582816	4	3	4	4584048	3	3	3
48	4550760	776	10	12	4550848	411	3	7	4200608	10	2	6	4581184	5	3	4	4200608	5	5	4	4200088	99	4	6	4199960	2210	2	54	4199960	2208	2	65
49	4580008	12	9	1	4583696	4	3	4	4582784	8	2	2	4582816	4	3	4	4271992	25	4	25	4558472	5	4	1	4596288	92	2	20	4596288	109	2	34
50	4553544	11	9	1	4585608	3	3	3	4283976	7	2	7	4583208	3	3	3	4265864	7	4	7	4270832	4	4	4	4582864	37	2	6	4604008	7	2	7
51	4596024	89	7	1	4583248	3	3	3	4604008	7	2	7	4199960	14233	2	282	4270832	4	4	4	4550792	21	3	7	4604008	7	2	7	4270832	4	2	4
52	4271992	25	7	25	4565760	3	3	3	4592208	4	2	4	4215928	2782	2	9	4582784	4	4	3	4215928	11	3	10	4609648	5	2	5	4558472	3	2	1
53	4551000	10	7	5	4215928	2623	2	11	4581184	4	2	3	4550792	20	2	10	4198464	123	3	1	4582784	4	3	3	4270832	4	2	4	4472832	3	2	1
54	4270728	7	7	7	4596288	141	2	31	4609648	4	2	4	4582784	8	2	2	4582864	45	3	8	4565760	3	3	3	4608600	3	2	3	4585608	3	2	3
55	4582864	40	6	7	4265512	73	2	15	4558472	3	2	1	4592208	6	2	6	4604008	9	3	9	4585608	3	3	3	4201256	3	2	3	4608600	3	2	3
56	4596040	68	5	1	4609056	19	2	1	4582816	3	2	3	4608600	3	2	3	4215928	8	3	8	4265512	76	2	16	4585608	3	2	3	4592208	2	2	2
57	4301880	44	5	42	4550792	19	2	5	4608600	3	2	3	4585608	3	2	3	4582816	4	3	4	4582864	29	2	7	4592208	2	2	2	4200088	2	2	2
58	4270832	5	5	5	4604008	7	2	7	4585608	3	2	3	4583696	3	2	3	4565760	3	3	3	4560984	18	2	1	4579392	2	2	2	4579392	2	2	2
59	4265864	12	4	9	4592208	5	2	5	4579392	2	2	2	4553000	3	2	3	4585608	3	3	3	4200408	7	2	3	4583552	2	2	2	4570168	2155	1	1
60	4582784	10	4	4	4609648	4	2	4	4570136	15129	1	1	4579392	2	2	2	4583552	3	3	3	4609056	7	2	1	4570168	2155	1	1	4595704	1742	1	1
61	4583696	5	4	5	4581184	4	2	3	4570168	6609	1	1	4583616	2	2	2	4592208	3	3	3	4558544	5	2	1	4595704	1740	1	1	4560056	180	1	1
62	4200488	5	4	5	4608600	3	2	3	4493912	2988	1	24	4582824	2	2	2	4550792	24	2	9	4583552	3	2	3	4560056	189	1	1	4561200	126	1	1
63	4216224	1484	3	11	4200488	2	2	2	4216224	1483	1	12	4570136	15129	1	1	4560984	20	2	1	4608600	3	2	3	4561200	127	1	1	4198464	125	1	1
64	4550848	408	3	6	4579392	2	2	2	4198464	665	1	1	4570168	6622	1	1	4200088	8	2	4	4582824	2	2	1	4198464	126	1	1	4550792	43	1	7
Total L1 Misses	2373917			Total L1 Misses	2373342			Total L1 Misses	2372897			Total L1 Misses	2373529			Total L1 Misses	2372334			Total L1 Misses	2272234			Total L1 Misses	2272977			Total L1 Misses	2273501		
Total L2 Misses	2223686			Total L2 Misses	2227892			Total L2 Misses	1621527			Total L2 Misses	1779251			Total L2 Misses	2217665			Total L2 Misses	2227088			Total L2 Misses	1620665			Total L2 Misses	1777957		
Total EAs	1859			Total EAs	1850			Total EAs	1876			Total EAs	1876			Total EAs	1835			Total EAs	1828			Total EAs	1852			Total EAs	1855		
Total EAs (Miss)	352			Total EAs (Miss)	347			Total EAs (Miss)	346			Total EAs (Miss)	347			Total EAs (Miss)	212			Total EAs (Miss)	219			Total EAs (Miss)	216			Total EAs (Miss)	226		
Total EAs (Hit)	1507			Total EAs (Hit)	1503			Total EAs (Hit)	1530			Total EAs (Hit)	1529			Total EAs (Hit)	1623			Total EAs (Hit)	1609			Total EAs (Hit)	1636			Total EAs (Hit)	1629		
Only 1 EA	13			Only 1 EA	8			Only 1 EA	11			Only 1 EA	9			Only 1 EA	11			Only 1 EA	12			Only 1 EA	12			Only 1 EA	14		
Only 2 EA	13			Only 2 EA	11			Only 2 EA	13			Only 2 EA	13			Only 2 EA	11			Only 2 EA	12			Only 2 EA	15			Only 2 EA	18		
Only 3 EA	13			Only 3 EA	16			Only 3 EA	18			Only 3 EA	18			Only 3 EA	16			Only 3 EA	18			Only 3 EA	19			Only 3 EA	22		
Only 4 EA	14			Only 4 EA	20			Only 4 EA	21			Only 4 EA	20			Only 4 EA	21			Only 4 EA	21			Only 4 EA	23			Only 4 EA	25		

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4265968	1068299	1052557	5728	4265968	1068372	1057248	5695	4265968	1068287	773932	5992	4266088	1058589	847362	5074	4265968	1068560	1052594	5526	4265968	1068570	1057279	5528	4265968	1068583	773853	5982	4266088	1058921	847014	5034
2	4266088	1058784	1044912	4870	4266088	1058707	1049446	4820	4266088	1058546	773838	5162	4265968	1068301	847112	5841	4266088	1058984	1044766	4669	4266088	1058897	1049367	4676	4266088	1058932	773792	5179	4265968	1068592	847014	5779
3	4265552	96748	94440	903	4265552	96751	95198	903	4265552	96559	50315	902	4265552	96559	62534	903	4265552	96853	94434	899	4265552	96855	95176	899	4265552	96663	50278	899	4265552	96663	62484	898
4	4266040	10841	9863	1014	4266040	10883	9912	1003	4266040	11024	7172	1030	4266040	11026	7131	1039	4266040	10699	10059	921	4266040	10815	10168	959	4266040	10860	7242	1020	4266040	10834	7240	989
5	4550904	5547	2425	5547	4550904	5548	2379	5548	4550904	5546	2346	5546	4550904	5549	2337	5549	4550904	4644	2407	4644	4550904	4644	2377	4644	4550904	4644	2345	4644	4550904	4644	2335	4644
6	4569296	2464	2122	1	4569296	2464	2088	1	4569296	2464	1628	1	4265816	1182	1101	56	4569296	2294	2122	1	4569296	2296	2087	1	4569296	2297	1625	1	4265816	1102	1101	6
7	4557584	2004	1764	29	4557584	2002	1713	29	4557584	2000	1354	34	4569296	2464	1089	1	4557584	1885	1728	29	4557584	1891	1666	27	4557584	1894	1324	33	4569296	2296	1090	1
8	4265816	1200	1123	63	4265816	1200	1104	58	4265816	1186	1104	60	4557584	2000	890	33	4265816	1104	1104	6	4265816	1103	1103	6	4265816	1101	1101	5	4557584	1886	878	30
9	4200056	562	557	32	4200056	556	473	34	4200056	582	441	36	4270896	436	436	436	4200056	467	464	25	4200056	553	523	30	4270896	436	436	436	4270896	436	436	436
10	4270896	435	435	435	4270896	435	435	435	4270896	436	436	436	4271000	434	434	434	4271000	439	439	439	4270896	435	435	435	4271000	434	434	434	4271000	434	434	434
11	4271000	433	433	433	4271000	433	433	433	4271000	434	434	434	4284520	553	409	553	4270896	439	439	439	4271000	433	433	433	4284520	577	409	577	4284520	562	409	562
12	4284520	554	410	554	4284520	542	410	542	4284520	574	409	574	4302200	779	377	771	4284520	578	410	578	4284520	554	410	554	4200056	493	403	30	4302200	734	376	734
13	4271896	430	399	430	4271896	429	402	429	4302200	774	378	763	4200056	566	366	29	4271896	427	399	427	4271896	437	406	437	4302200	728	376	728	4271896	413	351	413
14	4271952	404	391	404	4271952	398	390	398	4302112	359	323	347	4271896	413	344	413	4271952	401	391	401	4271952	407	392	407	4302112	319	314	318	4200056	457	329	27
15	4302200	776	381	766	4302200	777	380	768	4271896	412	224	412	4271952	356	319	356	4302200	738	380	738	4302200	737	381	737	4271896	422	221	422	4302112	323	319	323
16	4265448	426	377	1	4265448	426	377	1	4271952	305	215	305	4302112	353	318	338	4265448	429	377	1	4265448	429	377	1	4284432	218	217	218	4271952	360	316	360
17	4302112	356	324	338	4302112	357	324	341	4284608	213	207	213	4284608	209	203	209	4302112	324	324	324	4302112	316	316	316	4271952	308	212	308	4284432	201	200	201
18	4557752	302	217	46	4284608	212	209	212	4284432	189	188	189	4284432	194	193	194	4284432	220	220	220	4284608	212	212	212	4265448	429	185	1	4284608	202	199	202
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22	4557616	268	73	268	4301704	158	61	129	4301704	161	58	129	4301704	163	61	129	4301704	64	62	63	4301704	64	62	63	4301704	64	59	63	4301704	63	58	62
23	4301704	156	60	124	4557616	268	60	268	4302288	55	46	55	4302288	56	46	56	4557616	61	56	61	4557616	62	55	62	4302288	50	49	50	4302288	48	47	48
24	4582936	59	59	5	4302288	46	40	46	4557616	267	34	267	4284112	120	34	108	4302288	47	46	47	4302288	54	53	54	4284112	63	34	63	4284112	63	35	63
25	4582864	61	56	7	4551024	41	37	4	4284112	118	33	107	4284024	92	32	75	4284112	62	35	62	4284112	64	36	64	4557616	62	32	62	4284024	34	32	34
26	4302288	48	41	48	4284112	117	34	108	4284024	92	31	73	4557616	267	31	267	4284024	35	34	35	4284024	36	35	36	4284024	33	31	33	4557616	62	28	62
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46	4270832	5	5	5	4583696	5	4	5	4604008	7	2	7	4215928	12	2	8	4265512	51	2	3	4550792	3	3	2	4585608	3	2	3	4270832	4	2	4
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Total L1 Misses	2255190			Total L1 Misses	2265124			Total L1 Misses	2256071			Total L1 Misses	2255102			Total L1 Misses	2251624			Total L1 Misses	2251761			Total L1 Misses	2251797			Total L1 Misses	2251715		
Total L2 Misses	2214366			Total L2 Misses	2223951			Total L2 Misses	1615675			Total L2 Misses	1773707			Total L2 Misses	2213980			Total L2 Misses	2224067			Total L2 Misses	1615472			Total L2 Misses	1773537		
Total EAs	1844			Total EAs	1824			Total EAs	1862			Total EAs	1849			Total EAs	1830			Total EAs	1827			Total EAs	1839			Total EAs	1848		
Total EAs (Miss)	242			Total EAs (Miss)	241			Total EAs (Miss)	241			Total EAs (Miss)	247			Total EAs (Miss)	178			Total EAs (Miss)	180			Total EAs (Miss)	184			Total EAs (Miss)	183		
Total EAs (Hit)	1602			Total EAs (Hit)	1583			Total EAs (Hit)	1621			Total EAs (Hit)	1602			Total EAs (Hit)	1652			Total EAs (Hit)	1647			Total EAs (Hit)	1655			Total EAs (Hit)	1665		
Only 1 EA	16			Only 1 EA	10			Only 1 EA	11			Only 1 EA	9			Only 1 EA	8			Only 1 EA	7			Only 1 EA	7			Only 1 EA	5		
Only 2 EA	16			Only 2 EA	13			Only 2 EA	17			Only 2 EA	14			Only 2 EA	18			Only 2 EA	15			Only 2 EA	16			Only 2 EA	15		
Only 3 EA	20			Only 3 EA	20			Only 3 EA	22			Only 3 EA	20			Only 3 EA	24			Only 3 EA	24			Only 3 EA	22			Only 3 EA	22		
Only 4 EA	22			Only 4 EA	22			Only 4 EA	24			Only 4 EA	21			Only 4 EA	29			Only 4 EA	27			Only 4 EA	27			Only 4 EA	26		

Rank	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4395840	492315	149327	117376	4395840	493212	146401	117741	4395840	494047	105074	117788	4395840	492268	103004	117286	4395840	275216	149810	106987	4395840	275617	147635	107358	4395840	277250	105650	107737	4395840	276734	102095	107733
2	4390504	186040	42089	116498	4390504	185866	40826	116411	4395880	185038	24779	56419	4395880	184975	24620	56581	4390504	171439	41815	101280	4390504	171382	40727	101250	4395880	113429	25005	39850	4395880	111648	24282	39146
3	4395880	184406	34940	56050	4395880	184509	34543	56068	4396056	173170	19572	49795	4396056	174356	19299	49881	4395880	113048	35212	39814	4395880	113339	34785	39811	4396056	84842	19134	42636	4396056	89398	21464	45451
4	4396056	174798	30072	50714	4396056	174734	29241	50581	4396240	69896	11656	28387	4396240	69127	11106	28033	4396056	87697	30601	44673	4396056	87233	29820	44093	4396240	40964	11906	23619	4396240	39928	11072	22695
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6	4392016	51127	13796	51127	4392016	51142	13041	51141	4403608	25928	8491	22388	4403608	25919	8155	22394	4392016	50605	13585	50605	4392016	50594	12880	50594	4403608	18657	8465	15935	4403608	18634	8123	15941
7	4403608	25905	9238	22424	4403608	25898	9242	22432	4389824	285298	5588	48142	4389824	284971	5555	48231	4403608	18641	9207	15930	4403608	18640	9212	15946	4389824	35307	4311	11516	4389824	35283	4206	11453
8	4389824	285316	8900	48434	4389824	284751	8151	48257	4394472	25957	3572	12935	4394472	25953	3188	12844	4389824	35365	6935	11589	4389824	35187	6530	11391	4394472	23038	3535	12339	4394472	22941	3216	12231
9	4394472	25626	6999	12807	4394472	25607	5784	12799	4392016	51137	2481	51136	4422040	10046	2112	10043	4394472	22712	6890	12255	4394472	23008	5844	12249	4392016	50607	2408	50607	4395952	28826	2594	8832
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11	4394512	14258	3074	7555	4394512	14280	2469	7645	4395952	98660	2081	11125	4473728	1538	1525	1538	4394512	13408	3054	6984	4394512	13390	2426	7003	4395952	27114	2066	7447	4473728	1536	1524	1536
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16	4394848	5335	1491	3517	4394848	5337	1258	3518	4394848	5271	756	3408	4390024	45988	658	13282	4394848	4598	1442	3072	4394848	4664	1230	3140	4394848	4514	705	3017	4394848	4444	621	2977
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21	4389968	69059	452	6468	4403184	2386	354	2386	4403392	2563	144	2467	4400280	282	130	269	4260024	7623	311	7622	4389856	9576	230	2377	4400280	265	129	260	4400280	273	127	265
22	4403184	2397	343	2397	4394584	4784	326	1994	4410464	8165	129	2039	4403392	2539	126	2454	4390536	11967	309	11966	4403392	340	169	331	4410464	1803	109	690	4410464	1842	89	673
23	4260024	14030	339	14029	4260024	14028	195	14026	4400280	265	119	252	4410464	8262	95	2102	4389856	9577	292	2487	4389968	6338	167	907	4390544	8372	102	8355	4389968	6315	61	914
24	4390536	14675	329	14660	4410464	8223	187	2054	4390544	19671	110	19643	4403464	1115	72	261	4410464	1798	222	656	4410464	1796	161	656	4389968	6244	67	866	4403464	99	58	70
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26	4410464	8150	258	2053	4390536	14745	162	14726	4403464	1103	93	252	4390544	19468	50	19445	4403392	339	167	334	4390536	12070	154	12069	4260024	7644	56	7643	4427400	65	47	65
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29	4428888	441	157	46	4403464	1109	97	266	4383232	3377	43	626	4390536	14603	32	14584	4382552	1564	126	441	4382552	1594	92	455	4403464	77	45	45	4382552	1574	31	431
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33	4390608	1247	118	1241	4428888	434	57	46	4403704	4348	40	710	4438176	307	27	151	4403464	126	100	86	4403464	84	59	42	4403704	139	40	108	4390608	944	24	943
34	4403464	1104	110	276	4383232	3431	55	636	4400272	86	38	82	4400328	56	26	55	4396288	3342	99	1147	4396288	3169	56	1140	4383232	881	37	278	4400328	33	22	33
35	4428776	590	105	110	4438176	291	55	146	4445576	50	33	1	4445576	51	22	1	4428776	291	89	5	4383232	888	50	275	4390608	963	32	958	4438176	197	21	83
36	4391040	5441	85	718	4260704	2421	54	1757	4390608	1229	32	1222	4390608	1181	21	1177	4403088	852	85	1	4403704	132	50	87	4445576	50	32	1	4445576	50	20	1
37	4396272	38724	84	6072	4399400	116	50	116	4438160	250	32	72	4438304	246	19	83	4260704	863	65	709	4399400	120	49	120	4428888	321	30	30	4428888	390	18	30
38	4438176	307	81	170	4418560	51	48	14	4400328	61	32	60	4424776	59	19	1	4383232	862	65	251	4400272	89	48	88	4393144	325	28	1	4403704	143	18	104
39	4391008	10903	78	442	4403704	4328	47	725	4428888	474	30	41	4260768	978	18	810	4391048	1329	64	271	4418560	51	48	16	4422344	50	28	7	4424776	61	18	1
40	4383232	3375	74	648	4438304	233	47	74	4424776	61	28	1	4438160	245	18	69	4402856	545	64	492	4429648	361	47	110	4424776	56	27	1	4420536	46	17	1
41	4260704	2419	70	1762	4400272	94	46	94	4422344	49	28	8	4422344	49	18	8	4391008	1726	62	166	4402856	539	45	474	4420536	45	25	1	4438304	42	17	27
42	4438160	260	70	85	4391040	5561	44	737	4428888	389	17	1	4428888	389	17	38	4391024	1090	61	146	4445576	50	43	1	4438176	219	24	81	4438160	303	16	61
43	4451504	705	68	1	4451504	710	44	1	4429648	403	26	125	4432696	461	16	53	4428784	293	61	72	4451504	473	40	1	4391040	1902	23	283	4422344	50	16	8
44	4402856	6759	65	6689	4402856	6740	43	6680	4393144	398	26	1	4420536	49	16	1	4399400	123	59	123	4399352	148	40	148	4432696	269	23	35	4429232	33	16	25
45	4391048	3544	63	744	4438160	265	43	79	4438304	293	26	87	4410368	618	15	459	4438160	319	55	62	4427400	69	40	69	4400328	40	23	40	4429648	308	15	98
46	4438304	251	63	81	4445576	50	43	1	4396288	117911	25	12543	4429648	397	15	138	4429648	317	55	97	4438160	332	38	68	4438160	303	22	60	4416472	48	15	1
47	4399400	120	59	120	4399352	148	40	148	4391040	5511	24	752	4407944	1262	14	444	4438176	216	55	78	4424776	58	38	1	4451504	474	21	1	4396288	3286	14	1090
48	4403088	10521	58	1	4427400	71	40	70	4432696	473	24	50	4416472	49	14	1	4451504	469	54	1	4396272	1053	37	390	4429648	314	21	107	4393144	322	13	1
49	4429648	403	58	134	4424776	63	40	1	4484656	48	23	1	4403704	4319	13	712	4399352	146	52	146	4416472	48	37	1	4410368	176	21	108	4391160	318	13	1
50	4428784	359	56	74	4260768	991	39	823	4407944	1248	22	450	4421736	54	13	22	4403704	136	52	94	4391040	2009	35	276	4484656	47	21	1	4451504	471	12	1
51	4391024	3924	55	402	4416472	49	39	1	4260704	2435	19	1772	4385720	23	13	14	4400272	98	51	96	4422344	50	35	8	4429232	49	20	25	4484656	46	12	1
52	4408336	4595	53	567	4484656	47	38	1	4260768	1010	18	856	4391160	1348	12	1	4418560	51	51	15	4484656	44	35	1	4402856	549	17	476	4432696	258	11	35
53	4406656	123	52	1	4422344	49	35	7	4402856	6697	17	6655	4428816	446	12	77	4408280	2715	49	1	4428736	1357	34	26	4260704	855	16	711	4428816	109	11	54
54	4399352	149	51	149	4391160	1345	32	1	4451504	710	17	1	4393144	403	12	1	4408336	1216	49	195	4393144	324	33	1	4416472	48	16	1	4421896	102	11	4
55	4418560	51	51	15	4393144	402	32	1	4428776	625	17	110	4484656	47	12	1	4428768	293	48	30	4438176	185	33	76	4408336	1446	15	209	4428784	253	10	65
56	4403704	4340	50	724	4404344	207	32	36	4403896	338	17	58	4391040	5487	11	746	4424776	59	47	1	4420536	46	33	1	4391160	309	15	1	4407944	130	10	121
57	4428816	389	48	74	4421736	52	32	16	4400304	34	17	34	4431560	1026	11	49	4445576	50	44	1	4444400	41	33	1	4421736	46	15	10	4421736	47	10	9
58	4424776	60	47	1	4420536	49	32	1	4421736	53	16	17	4508008	750	11	13	4428816	242	43	68	4391160	301	31	1	4420632	26	15	26	4473760	1918	9	1918
59	4445576	52	46	1	4429648	397	31	128	4416472	49	16	1	4421896	149	11	4	4393144	330	42	1	4421736	46	31	8	4403088	853	14	1	4403744	66	9	48
60	4390336	143338	45	8843	4400328	55	31	53	4391024	4030	15	434	4400304	28	11	28	4427400	71	42	71	4428784	285	26	63	4428784	284	14	70	4444400	41	9	1
61	4260768	986	45	833	4407944	1235	30	437	4391048	3936	15	792	4429232	17	11	13	4416472	48	41	1	4391048	1431	25	275	4428816	128	14	56	4385720	9	9	9
62	4391160	1351	43	1	4408336	4120	29	542	4428816	493	15	74	4396288	117270	10	12605	4420536	43	40	1	4410368	176	25	119	4444400	42	14	1	4391040	1851	8	356
63	4416472	49	41	1	4428784	403	29	84	4421896	157	15	6	4260704	2437	10	1759	4391160	312	38	1	4429232	46	25	30	4438288	55	13	43	4260704	888	8	734
64	4393144	401	40	1	4410368	630	27	436	4438288	143	15	57	4451504	703	10	1	4484656	45	38	1	4400328	38	25	38	4407944	131	12	122	4402856	540	8	489
Total L1 Misses	2785618			Total L1 Misses	2789695			Total L1 Misses	2783670			Total L1 Misses	2791647			Total L1 Misses	1010764			Total L1 Misses	1010546			Total L1 Misses	1010800			Total L1 Misses	1013377		
Total L2 Misses	340305			Total L2 Misses	326593			Total L2 Misses	206061			Total L2 Misses	198186			Total L2 Misses	335059			Total L2 Misses	323567			Total L2 Misses	203841			Total L2 Misses	196916		
Total EAs	3086			Total EAs	3057			Total EAs	3079			Total EAs	3061			Total EAs	3077			Total EAs	3073			Total EAs	3070			Total EAs	3064		
Total EAs (Miss)	1484			Total EAs (Miss)	1469			Total EAs (Miss)	1462			Total EAs (Miss)	1476			Total EAs (Miss)	961			Total EAs (Miss)	964			Total EAs (Miss)	967			Total EAs (Miss)	958		
Total EAs (Hit)	1602			Total EAs (Hit)	1588			Total EAs (Hit)	1617			Total EAs (Hit)	1585			Total EAs (Hit)	2116			Total EAs (Hit)	2109			Total EAs (Hit)	2103			Total EAs (Hit)	2106		
Only 1 EA	8			Only 1 EA	8			Only 1 EA	7			Only 1 EA	8			Only 1 EA	10			Only 1 EA	9			Only 1 EA	10			Only 1 EA	9		
Only 2 EA	8			Only 2 EA	8			Only 2 EA	7			Only 2 EA	8			Only 2 EA	10			Only 2 EA	9			Only 2 EA	10			Only 2 EA	9		
Only 3 EA	8			Only 3 EA	8			Only 3 EA	7			Only 3 EA	8			Only 3 EA	10			Only 3 EA	9			Only 3 EA	10			Only 3 EA	9		
Only 4 EA	8			Only 4 EA	8			Only 4 EA	7			Only 4 EA	9			Only 4 EA	10			Only 4 EA	10			Only 4 EA	10			Only 4 EA	10		

	Config 55				Config 57				Config 61				Config 63			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4395840	276427	150498	103822	4395840	276082	147306	104031	4395840	277427	105572	104167	4395840	276948	103238	103958
2	4390504	119323	42350	79009	4390504	119220	41494	78954	4395880	115763	24973	42729	4395880	115994	24872	42680
3	4395880	115807	35448	42692	4395880	115848	35001	42777	4396056	84615	19521	41787	4396056	84130	18818	41305
4	4396056	85471	29928	42035	4396056	85301	28688	42205	4396240	37129	11119	22191	4396240	37516	11379	22459
5	4396240	38235	17334	22809	4396240	38329	17263	22947	4390504	119251	10450	79056	4390504	119270	9118	79118
6	4392016	38603	13730	38603	4392016	38595	12904	38595	4403608	20607	8476	17615	4403608	20629	8133	17594
7	4403608	20599	9222	17620	4403608	20570	9231	17612	4389824	70418	4638	17861	4389824	70373	4512	17879
8	4389824	70269	7647	17901	4389824	70340	6991	17880	4394472	16344	3619	10100	4394472	16429	3232	10112
9	4394472	16251	6991	10050	4394472	16221	5990	9976	4392016	38581	2470	38581	4422040	5770	2116	5770
10	4395952	35361	3752	7554	4395952	35453	3426	7414	4395952	34928	2173	7954	4395952	34611	2043	7568
11	4394512	8977	3146	5478	4394512	8989	2581	5553	4422040	5775	2120	5775	4473728	1532	1525	1532
12	4394688	7615	2594	5155	4394688	7545	2151	5182	4473728	1532	1525	1532	4394512	8958	1337	5566
13	4422040	5755	2180	5755	4422040	5761	2147	5761	4394512	9044	1507	5629	4390064	41014	1096	9034
14	4390064	40904	2173	8988	4390064	41019	1879	9064	4394688	7483	1206	5148	4394688	7375	1086	5059
15	4473728	1528	1523	1528	4473728	1534	1531	1534	4390064	41026	1140	9089	4392016	38599	1025	38599
16	4394848	3277	1428	2544	4394848	3221	1235	2510	4394848	3078	668	2447	4394848	3160	621	2496
17	4390024	8386	819	3958	4390024	8334	735	3958	4390024	8272	410	3959	4390024	8379	346	3952
18	4390544	6961	649	6958	4394584	2225	382	1402	4394584	2156	210	1355	4394584	2250	181	1391
19	4394584	2239	480	1426	4390544	7000	368	6995	4403392	932	149	900	4403392	924	136	893
20	4390536	11107	392	11103	4403184	1612	282	1612	4400280	259	138	254	4400280	250	135	244
21	4389856	31221	373	8195	4389968	15791	271	2097	4389856	31237	131	8232	4389856	31243	128	8204
22	4389968	15851	365	2090	4389856	31309	255	8268	4389968	15875	119	2159	4389968	15660	104	2060
23	4428736	3311	351	15	4260024	6565	205	6565	4390544	6972	104	6970	4410464	1801	91	746
24	4260024	6543	344	6543	4390536	11141	193	11136	4410464	1856	104	756	4390544	7008	50	7003
25	4403184	1622	271	1622	4410464	1775	181	744	4403464	310	62	128	4403464	298	42	121
26	4410464	1768	267	749	4403392	933	168	899	4382552	1119	61	464	4400272	82	42	81
27	4403392	932	167	901	4400280	246	128	243	4260024	6499	57	6499	4382552	1110	40	465
28	4396288	29339	128	7318	4390608	748	112	745	4390536	11105	51	11101	4427400	67	39	67
29	4390608	723	127	723	4382552	1114	107	439	4383232	1255	43	320	4260024	6538	30	6538
30	4382552	1109	126	443	4403464	322	85	137	4400272	76	41	76	4429232	44	28	27
31	4400280	240	123	236	4428888	197	84	29	4418560	51	41	14	4418560	51	27	13
32	4428888	182	123	28	4260704	745	78	678	4403704	913	39	330	4390536	11077	25	11072
33	4403088	1087	108	1	4396288	29107	73	7305	4390608	735	35	732	4383232	1261	24	317
34	4391040	1650	96	353	4428776	257	69	84	4396288	29361	34	7226	4432696	177	24	48
35	4391048	1112	96	329	4438176	162	55	88	4445576	51	33	1	4390608	756	22	755
36	4260704	747	92	689	4399400	113	55	113	4438176	171	32	90	4428648	273	22	80
37	4428768	689	86	12	4402856	1808	53	1786	4432696	163	29	40	4400328	39	22	39
38	4403464	320	84	133	4451504	122	52	1	4438160	113	29	54	4424776	56	21	1
39	4428776	263	83	5	4400272	86	51	84	4424776	55	28	1	4445576	51	20	1
40	4428784	372	79	56	4403704	909	48	319	4422344	41	28	8	4438160	110	19	50
41	4438176	162	73	95	4391040	1654	47	343	4427400	41	27	41	4396288	29448	17	7294
42	4451504	125	73	1	4383232	1249	47	320	4420536	40	27	1	4420536	44	16	1
43	4402856	1823	68	1799	4438160	116	47	54	4393144	222	25	1	4416472	44	16	1
44	4429648	261	62	91	4418560	51	47	15	4403088	698	24	1	4422344	41	16	7
45	4383232	1259	60	335	4391048	1073	46	339	4428888	183	23	24	4403704	914	15	324
46	4399400	111	59	111	4445576	49	45	1	4410368	228	22	175	4428888	176	15	21
47	4391024	961	58	184	4427400	63	42	62	4429232	58	22	35	4438176	141	15	60
48	4438160	119	56	58	4484656	43	40	1	4451504	117	21	1	4260704	734	14	684
49	4400272	87	55	86	4424776	57	39	1	4484656	43	21	1	4393144	226	14	1
50	4403704	901	54	316	4399352	128	38	128	4429648	207	20	69	4428816	182	14	48
51	4391008	1021	52	177	4429648	263	37	81	4400328	38	20	38	4428784	376	13	42
52	4418560	51	51	14	4429232	69	37	40	4391040	1714	19	353	4407944	329	13	123
53	4396272	9447	50	2852	4428784	423	36	43	4428776	247	19	82	4420632	15	13	15
54	4399352	129	48	129	4432696	168	36	41	4260704	741	18	676	4451504	112	12	1
55	4408336	1092	47	278	4416472	44	36	1	4402856	1808	17	1775	4421896	63	12	4
56	4424776	56	46	1	4428736	3093	35	14	4391048	1120	17	346	4484656	43	12	1
57	4390336	36101	45	5407	4393144	211	35	1	4428816	165	17	47	4438304	24	12	19
58	4402696	809	44	1	4422344	41	35	7	4416472	44	17	1	4508008	281	11	8
59	4445576	49	43	1	4420536	44	33	1	4421896	63	15	5	4403896	113	11	34
60	4420536	43	42	1	4403088	1101	32	1	4421736	43	15	10	4402856	1817	10	1797
61	4393144	219	41	1	4421736	43	31	12	4438304	36	15	23	4408336	1028	10	271
62	4391160	125	40	1	4444400	38	31	1	4428784	439	14	52	4410368	203	10	179
63	4416472	44	40	1	4391008	1040	30	178	4407944	339	13	126	4391160	122	10	1
64	4428816	166	38	48	4408336	1124	29	275	4391160	129	13	1	4421736	43	10	13
Total L1 Misses	1150000			Total L1 Misses	1149270			Total L1 Misses	1147268			Total L1 Misses	1146388			Total L1 Misses
Total L2 Misses	338982			Total L2 Misses	326038			Total L2 Misses	204300			Total L2 Misses	196500			Total L2 Misses
Total EAs	3050			Total EAs	3053			Total EAs	3061			Total EAs	3055			Total EAs
Total EAs (Miss)	957			Total EAs (Miss)	953			Total EAs (Miss)	967			Total EAs (Miss)	950			Total EAs (Miss)
Total EAs (Hit)	2093			Total EAs (Hit)	2100			Total EAs (Hit)	2094			Total EAs (Hit)	2105			Total EAs (Hit)
Only 1 EA	9			Only 1 EA	9			Only 1 EA	9			Only 1 EA	8			Only 1 EA
Only 2 EA	9			Only 2 EA	9			Only 2 EA	9			Only 2 EA	8			Only 2 EA
Only 3 EA	9			Only 3 EA	9			Only 3 EA	9			Only 3 EA	8			Only 3 EA
Only 4 EA	9			Only 4 EA	9			Only 4 EA	9			Only 4 EA	9			Only 4 EA

	Config 73				Config 75				Config 79				Config 81			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4395840	211803	149010	99260	4395840	211531	147546	99375	4395840	213513	105953	99963	4395840	213473	103541	99243
2	4390504	108831	42058	67945	4390504	108862	41569	67981	4395880	90722	25086	37097	4395880	90907	24841	37083
3	4395880	90829	35446	37268	4395880	90791	35096	37195	4396056	64110	20191	39038	4396056	62745	19411	37711
4	4396056	64338	29717	39098	4396056	63882	28643	39197	4396240	28873	10386	19411	4396240	30075	10804	20213
5	4396240	31137	16895	21130	4396240	31422	16977	21167	4390504	108916	10376	68182	4390504	108854	9103	68121
6	4392016	39321	13105	39321	4392016	39332	12467	39332	4403608	18646	8469	15954	4403608	18634	8133	15918
7	4403608	18654	9232	15955	4403608	18647	9227	15952	4389824	10077	4189	6207	4389824	9992	4041	6224
8	4389824	11693	6461	8662	4389824	10043	6196	6242	4394472	11938	3611	8779	4394472	11938	3230	8712
9	4394472	11759	5944	8630	4394472	11759	5944	8630	4392016	39336	2211	39336	4395952	10528	2150	6253
10	4395952	10286	3728	6056	4395952	10245	3495	6060	4395952	10800	2190	6532	4422040	4308	2116	4308
11	4394512	6935	2918	4777	4394512	6969	2563	4779	4422040	4306	2122	4306	4473728	1531	1525	1531
12	4394688	5454	2350	4188	4422040	4303	2147	4303	4473728	1526	1522	1526	4394512	7042	1347	4805
13	4422040	4306	2161	4306	4394688	5364	2061	4128	4394512	6950	1490	4818	4394688	5275	1076	4120
14	4390064	3953	1655	2755	4390064	4002	1600	2822	4394688	5319	1152	4162	4390064	3975	983	2780
15	4473728	1530	1527	1530	4473728	1532	1529	1532	4390064	4035	1017	2828	4392016	39339	862	39339
16	4394848	2466	1255	2170	4394848	2521	1201	2199	4394848	2354	643	2032	4394848	2319	612	2021
17	4390536	9872	597	9872	4390024	954	514	684	4390024	871	252	623	4390024	954	278	677
18	4390544	1960	513	1960	4394584	1374	405	1097	4394584	1389	203	1090	4394584	1270	169	990
19	4390024	866	489	622	4390544	1946	371	1945	4403392	334	152	326	4403392	345	132	338
20	4394584	1377	469	1087	4403184	1741	278	1741	4389856	542	132	333	4400280	220	132	220
21	4260024	3481	381	3481	4389856	565	240	335	4400280	214	132	214	4389856	564	126	338
22	4389856	542	255	334	4260024	3469	190	3469	4410464	477	109	298	4410464	478	93	285
23	4403184	1740	252	1740	4390536	9848	189	9847	4390544	1986	100	1986	4389968	494	54	220
24	4410464	494	228	283	4410464	461	183	284	4390536	9757	75	9757	4400272	82	53	82
25	4389968	495	217	226	4389968	503	180	212	4389968	460	69	202	4403464	87	52	59
26	4403392	326	157	322	4403392	333	165	328	4382552	281	62	132	4427400	82	49	82
27	4400280	228	142	228	4400280	221	135	221	4260024	3433	58	3433	4390544	1984	45	1984
28	4390608	570	135	570	4390608	548	106	548	4400272	89	53	89	4382552	280	34	132
29	4382552	293	133	132	4382552	278	105	128	4418560	51	42	15	4260024	3464	30	3464
30	4396288	418	123	182	4428736	271	80	7	4403464	71	41	34	4390608	580	29	578
31	4428736	259	96	9	4428888	148	78	27	4428888	148	78	27	4383232	172	37	100
32	4408280	189	85	1	4260704	348	76	347	4403704	103	37	79	4390536	9801	28	9800
33	4260704	340	84	339	4403464	92	71	49	4390608	575	36	574	4418560	51	26	14
34	4403464	93	75	58	4428776	163	54	59	4445576	49	32	1	4383232	170	25	102
35	4428888	124	68	23	4383232	160	54	90	4428888	164	31	32	4428888	121	22	24
36	4391008	195	66	36	4451504	71	52	1	4432696	48	31	15	4438160	58	22	32
37	4383232	167	63	100	4399400	110	51	110	4396288	327	29	158	4445576	50	21	1
38	4428776	141	63	68	4391040	420	49	73	4438160	55	29	36	4432696	47	20	15
39	4399400	115	62	115	4400272	76	49	76	4429232	68	28	37	4429232	36	19	28
40	4396272	175	57	67	4403704	104	48	77	4422344	46	28	6	4403704	105	18	75
41	4451504	73	57	1	4418560	51	48	15	4420536	40	28	1	4424776	51	17	1
42	4391040	349	54	67	4438176	121	46	64	4393144	74	27	1	4420536	40	17	1
43	4391024	243	54	29	4438160	56	46	33	4424776	54	27	1	4438176	87	16	49
44	4429648	131	54	58	4396288	310	45	129	4391040	411	26	78	4416472	46	16	1
45	4438176	112	54	59	4408280	141	45	1	4429648	126	26	61	4422344	46	16	8
46	4418560	51	51	14	4428784	95	45	37	4427400	58	25	57	4400328	26	15	26
47	4403704	102	49	75	4445576	49	45	1	4438176	88	24	51	4396288	331	14	143
48	4391048	232	48	68	4402856	87	42	84	4260704	350	23	350	4429648	122	14	55
49	4399352	122	48	122	4427400	67	42	67	4451504	71	22	1	4391160	112	13	1
50	4428784	80	48	44	4407208	96	41	19	4484656	46	21	1	4260704	317	12	317
51	4400272	75	48	75	4391048	281	39	85	4428816	123	20	46	4451504	72	12	1
52	4438160	55	48	34	4484656	45	38	1	4402856	91	17	79	4484656	46	12	1
53	4402856	96	47	89	4429648	127	37	61	4416472	45	17	1	4444400	39	12	1
54	4445576	49	45	1	4399352	122	37	122	4421736	45	16	11	4402856	83	11	82
55	4427400	73	43	73	4424776	51	37	1	4429568	43	16	31	4393144	71	11	1
56	4420536	43	42	1	4416472	46	36	1	4408336	255	15	59	4432768	111	10	35
57	4407208	97	41	17	4422344	46	34	8	4407208	96	15	17	4407208	95	10	20
58	4416472	45	41	1	4420536	43	33	1	4407944	29	15	18	4421736	43	10	11
59	4391160	109	39	1	4391008	204	32	36	4391008	220	14	39	4425984	18	10	3
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61	4393144	74	37	1	4432696	38	32	14	4420632	23	14	23	4428816	64	9	35
62	4428816	74	37	47	4444400	38	32	1	4428776	250	13	4	4410368	43	9	32
63	4424776	51	37	1	4391024	267	31	40	4403088	197	13	1	4407944	24	9	18
64	4484656	44	36	1	4391160	109	31	1	4400328	25	13	25	4473760	1540	8	1540
Total L1 Misses	654837			Total L1 Misses	654936			Total L1 Misses	654065				428784	86	8	40
Total L2 Misses	324098			Total L2 Misses	203436			Total L2 Misses	195920							
Total EAs	3058			Total EAs	3055			Total EAs	3042							
Total EAs (Miss)	514			Total EAs (Miss)	513			Total EAs (Miss)	518							
Total EAs (Hit)	2544			Total EAs (Hit)	2542			Total EAs (Hit)	2524							
Only 1 EA	10			Only 1 EA	9			Only 1 EA	9							
Only 2 EA	10			Only 2 EA	9			Only 2 EA	9							
Only 3 EA	10			Only 3 EA	9			Only 3 EA	10							
Only 4 EA	10			Only 4 EA	10			Only 4 EA	11							

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4598120	3995464	811669	9982	4598120	4072812	618830	10026	4598120	4077310	167050	10084	5059848	234403	68849	130471	4598120	3651057	790439	8676	4598120	3634772	602484	8677	4598120	3638401	163534	8800	5059848	191207	68891	94213
2	4618352	1718050	346867	229752	4618352	1615040	231840	228162	5059848	235159	75661	131934	4598120	4080301	45236	9958	4618352	1129838	276676	128791	4618352	1131331	231486	129090	5059848	191758	75294	95593	4598120	3639841	41001	8519
3	4622120	772367	164951	121634	4622120	903508	140210	123109	4618352	1616599	61766	229641	5101264	26138	23254	24038	4622120	602528	163658	82933	4622120	602899	137599	82324	4618352	1133663	60948	130045	5101264	24298	23234	23604
4	4598032	3264817	119081	16518	5059848	234981	99848	131951	4622120	904431	55753	124451	4618352	1616143	20780	228419	4598032	717649	119132	7540	5059848	192083	99316	95643	4622120	602072	56423	82897	4618352	1132140	19831	127838
5	5059848	242820	113530	124436	4613320	164877	65228	1710	4609312	53687	25397	7925	4622120	903749	18227	125579	4598096	473583	116621	6531	4613320	158595	72901	1399	4609312	50886	25202	5097	4613320	165809	18188	1181
6	4598096	937253	106819	11946	4598032	3217655	64444	16597	5101264	27451	23799	24418	4609312	53633	15699	7600	5059848	193423	101756	94168	4598096	473277	64466	6511	4613320	159603	24953	1407	4622120	601941	18119	82536
7	4613320	151631	63329	1682	4598096	1008881	46414	12308	4613320	164120	21359	1735	4613320	169201	14911	1536	4613320	152544	69740	1362	4598032	713378	62846	7526	5101264	25679	23744	24031	4609312	50819	14942	4662
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24	4911648	49728	21547	415	4597440	283933	15415	5007	4715136	24232	5184	257	4837528	4877	1523	4875	4614400	107746	20501	22099	5042320	40123	15963	20950	4715136	23099	4840	66	4596952	32422	1541	12431
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29	4613280	83496	18427	1658	4614400	200735	14132	36353	5011776	25333	4238	1	4591608	16577	1096	16481	4499288	17036	15843	90	4670896	48904	14383	446	4597528	152753	3895	1736	4591608	13224	1099	13125
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47	4596952	108392	11328	14515	4613648	33216	8046	16208	4981120	19422	2337	2719	4770624	679	659	677	4715136	23113	9076	75	4848992	10005	8186	4826	4597440	97204	2266	1450	4770624	664	659	664
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55	5041560	30260	9039	298	4835800	10052	6896	349	4700088	21795	1833	110	4249928	7430	573	7178	4477320	10873	8283	35	4484000	7285	6908	61	5042312	5837	1669	3414	4598032	712723	564	7393
56	4588280	10722	8954	23	4760328	6746	6473	971	4613280	85235	1715	1608	4608024	9930	525	6149	4590536	8429	8136	1	4613648	23536	6680	13291	4701304	22347	1607	318	4616784	25010	521	396
57	4918456	9384	8649	57	4614792	6748	6322	37	5101280	4764	1651	1697	4456472	140815	499	503	4700000	11395	8122	46	5101296	61361	6570	36391	4642464	44487	1514	543	4456472	87579	499	327
58	4848992	10043	8403	4611	4484192	8096	6206	106	4923432	32175	1526	573	5057536	8996	496	1408	4476752	8170	7917	21	4608080	8972	6513	7045	4923432	10391	1482	202	5057536	8910	486	1382
59	5011776	28596	8307	1	5101328	12807	6175	7610	4483888	7448	1429	44	4598280	10999	468	9	4918456	9934	7848	39	4760328	6731	6461	757	4614792	2917	1479	4	4848996	459327	479	6292
60	4613648	37273	7954	20191	4911448	21245	6148	279	4591608	16577	1411	16486	4598096	997751	464	12075	4719072	13458	7325	301	4477320	10897	6419	34	5101360	9565	1472	7851	4588280	11055	474	13
61	5101328	13718	7938	8608	5041560	29717	5991	239	4864392	6186	1408	161	5059056	12058	383	2141	4981120	20824	7213	2306	4911448	21712	6377	184	4618336	9000	1437	2110	5101328	6187	462	4641
62	4590536	8929	7797	1	5098752	21362	5965	20441	5099680	5523	1403	683	4837720	6381	383	6328	4989008	7481	7045	19	4484368	7383	6281	123	4483888	7197	1434	47	4588536	36860	461	276
63	4701304	22363	7646	325	4662448	18662	5887	260	5099608	2002	1374	200	4699920	24080	364	124	4588280	9353	7018	17	4499288	17036	6121	110	5099680	5584	1428	667	5059056	10204	385	1764
64	5101376	19773	7582	17222	4945064	7721	5867	14	4581664	5095	1349	1070	4929480	4866	349	128	4484392	7750	6969	103	4923432	10386	5878	186	4864392	6163	1419	129	4837720	5605	379	5549
Total L1 Misses	24049186			Total L1 Misses	23431344			Total L1 Misses	23394209			Total L1 Misses	23383389			Total L1 Misses	12258864			Total L1 Misses	12248454			Total L1 Misses	12215626			Total L1 Misses	12214947		
Total L2 Misses	3490312			Total L2 Misses	2546900			Total L2 Misses	773001			Total L2 Misses	339741			Total L2 Misses	3185418			Total L2 Misses	2552637			Total L2 Misses	767764			Total L2 Misses	333148		
Total EAs	15778			Total EAs	15736			Total EAs	15829			Total EAs	15770			Total EAs	15649			Total EAs	15673			Total EAs	15733			Total EAs	15685		
Total EAs (Miss)	7037			Total EAs (Miss)	6966			Total EAs (Miss)	7058			Total EAs (Miss)	6953			Total EAs (Miss)	4195			Total EAs (Miss)	4150			Total EAs (Miss)	4199			Total EAs (Miss)	4155		
Total EAs (Hit)	8741			Total EAs (Hit)	8770			Total EAs (Hit)	8771			Total EAs (Hit)	8817			Total EAs (Hit)	11454			Total EAs (Hit)	11523			Total EAs (Hit)	11534			Total EAs (Hit)	11530		
Only 1 EA	5			Only 1 EA	1			Only 1 EA	5			Only 1 EA	0			Only 1 EA	3			Only 1 EA	1			Only 1 EA	5			Only 1 EA	0		
Only 2 EA	5			Only 2 EA	1			Only 2 EA	5			Only 2 EA	0			Only 2 EA	3			Only 2 EA	1			Only 2 EA	5			Only 2 EA	0		
Only 3 EA	5			Only 3 EA	1			Only 3 EA	5			Only 3 EA	0			Only 3 EA	3			Only 3 EA	1			Only 3 EA	5			Only 3 EA	0		
Only 4 EA	5			Only 4 EA	1			Only 4 EA	5			Only 4 EA	0			Only 4 EA	3			Only 4 EA	1			Only 4 EA	6			Only 4 EA	0		

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4598120	2584746	806309	8372	4598120	2575079	646152	8289	4598120	2578940	199180	8241	5059848	179660	70120	89454	4598120	2198441	794405	7105	4598120	2188968	662302	7059	4598120	2184590	173680	7074	5059848	161442	69931	84749
2	4618352	792176	285685	136908	4618352	792574	216477	136920	5059848	179671	71977	89763	4598120	2578705	68897	7968	4618352	510305	230788	53729	4618352	510273	212622	54340	5059848	161954	71742	85427	4598120	2182651	65389	6827
3	4622120	367908	137791	80713	4622120	367490	107827	81890	4618352	792684	64755	131290	5101264	32119	30794	29146	5059848	161326	103560	83915	5059848	161602	94243	83816	4618352	510699	61588	54459	5101264	32263	30957	29210
4	5059848	180507	109704	89644	5059848	180405	96593	90982	4622120	367500	42348	81120	4618352	790797	20880	129628	4622120	197671	93183	36629	4622120	197737	90830	36519	4622120	197482	32960	37018	4618352	511207	20644	53945
5	4598032	256067	92706	6322	4613320	124954	59945	1416	5101264	32493	31063	29319	4622120	367229	19212	79969	4613320	111365	66092	1162	4613320	111376	62024	1207	5101264	32663	31294	29397	4622120	197392	19335	36712
6	4598096	243789	92688	6038	4598032	255355	57813	6255	4597048	61866	20535	3617	4609312	47596	15528	4031	4598096	67460	45871	3136	4598032	110306	52713	3837	4609312	45682	19809	3256	4609312	45618	15435	3307
7	4613320	119010	67549	1334	4598096	241813	49815	6148	4609312	47657	19999	4057	4597048	62165	14269	3187	4598032	110618	45514	3868	4598096	65976	40570	3207	4597048	60165	18901	2909	4844000	37065	14104	7358
8	4597048	68112	49030	6380	4609312	47581	39391	4597	4613320	123194	15272	1344	4844000	37734	14144	7796	4597048	64522	43055	6313	4609312	45607	38639	3676	4613320	112460	15437	1137	4597048	59574	12683	2336
9	4609312	47610	40084	4492	5101264	37836	37043	30550	4844000	37731	14410	7839	4613320	125847	10602	1114	4609312	45601	38494	3390	5101264	37969	37242	30512	4844000	37057	14419	7397	4613320	112059	10655	956
10	5101264	37896	37107	30535	4597048	59281	33503	5865	4598096	240709	13056	6155	4410264	38994	8091	763	5101264	37820	37137	30455	4597048	58057	28820	5668	4456472	62823	8328	252	4410264	24467	7931	530
11	4609072	74145	35133	9368	4456472	83915	28811	323	4911664	38764	9792	383	4608088	10967	6899	8619	4456472	64815	28281	261	4456472	63771	28328	268	4598096	66492	8238	3177	4608088	11608	7440	8491
12	4911584	42119	33806	369	4609072	75683	23892	9976	4598032	254106	8459	6297	5101376	16077	4848	14333	4911584	25600	20146	287	4844000	37055	20023	7404	4608088	10415	7060	8531	5101376	14513	4847	13266
13	4598104	68627	33544	1009	4598104	74025	22694	1018	4456472	83828	8322	313	5042320	26459	4650	15921	4911664	22341	20044	209	4496560	24016	18939	55	4598032	110004	6281	3904	4610256	12886	4618	1292
14	4911664	38732	31774	272	4410264	38993	22005	770	4609072	75707	6882	9124	4610256	13338	4533	1693	4844000	37054	19923	7364	4911664	22325	18682	249	4699920	12803	6247	96	4699920	12906	4487	90
15	4456472	84407	28749	337	4911664	38758	21630	352	4670896	32225	6623	454	4482344	21203	3859	17296	4609072	26576	18094	6521	4588536	39838	18432	232	4911664	22328	6123	231	5042320	15206	4435	10035
16	4410264	38997	24158	514	4911584	42122	20538	462	4608088	10055	6595	7945	4597528	75388	3274	1200	4598104	42837	17562	591	4911584	25608	18215	361	4911600	12001	5401	275	4482344	20166	3887	15784
17	4597528	78698	21809	1450	4597528	74538	20141	1377	4699920	20590	6283	104	4609072	75616	3086	8789	4597528	81862	17517	884	4609072	26266	18108	7366	4598104	53541	5394	687	5101296	56044	3150	47248
18	4939952	60096	21603	754	4844000	37733	19957	7870	4642464	34011	6115	360	5101296	55415	2737	46914	4410264	24622	16194	396	4597528	81812	17888	854	4588536	32141	5306	232	4609072	26429	2992	6197
19	4939888	101009	21560	952	4588536	37006	18943	273	4410264	38996	5654	782	4602288	2808	2706	2743	5042320	20549	15690	12625	4410264	24670	15661	507	4496560	24016	5039	58	4496560	24016	2945	53
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21	4597440	47433	21247	1130	5042320	28087	16459	17028	5042320	26099	5153	16426	4848992	8755	2296	4606	4911632	17583	15295	233	4911632	17663	14159	281	4609072	26411	5002	6351	4602288	2745	2705	2705
22	4911632	37873	20768	306	4911632	37318	15353	382	4482344	21384	5092	17462	4496560	24616	2211	90	4496560	24016	15259	49	4482344	20574	12631	16355	5042320	18174	4996	12386	4588280	9486	2679	10
23	4844000	37733	19907	7919	4614400	90032	13414	13231	4496560	24619	4951	88	5101328	5874	2062	5172	4482344	20203	13134	15525	4598104	50156	12360	598	5101376	14636	4870	13308	4848992	8188	2260	4512
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25	5042320	28347	17135	17248	4616784	18331	12387	373	4588536	30403	4376	276	4699920	20591	1808	101	4610256	12808	11937	1303	4610256	12812	11596	1289	4911584	25607	4495	322	5101328	5691	1936	4945
26	4588536	34831	15744	290	4670456	27453	12301	796	4597528	76528	4201	1307	5101360	8309	1797	7796	4616784	17300	11779	269	4701296	13029	10840	1778	4610256	12884	4005	1308	4616784	17002	1869	281
27	4496560	24613	15227	74	4642464	34055	12137	324	4911600	18873	4042	351	4476776	8662	1792	37	4700088	13682	11120	81	4699920	12822	10798	101	4597528	82680	4001	804	5101360	8221	1727	7620
28	4670456	27446	14803	783	4597440	46165	11695	1083	4939432	4618	4017	20	5101280	6059	1751	2657	4701296	13057	10629	1895	4596952	16601	10636	10291	4484392	7485	3752	144	5101280	4975	1708	2048
29	4699920	20597	14099	153	4610256	13304	11607	1669	4610256	13336	4007	1695	4835800	9920	1612	348	4596952	16665	10613	10080	4614400	42714	10593	9202	5101296	55358	3712	46848	4476776	5446	1581	24
30	4613280	29893	13992	850	4613280	31726	11238	846	4598104	70946	3563	1056	4596952	18601	1514	11233	4911600	11995	10486	245	4662448	10027	9963	54	4981120	11068	2712	2163	4835800	6871	1560	347
31	4670896	32224	13594	418	4701296	14121	11176	1981	5101296	54983	3394	46541	4837528	4707	1357	4699	4699920	12832	10461	109	4911600	12010	9936	298	4602288	2744	2709	2705	4596952	16554	1513	10516
32	4482344	21176	13369	15874	4699920	20592	11123	118	4614792	3071	3023	22	4483888	6443	1311	30	4670456	10699	9295	652	4715136	10336	9351	46	4614792	2609	2597	4	4837528	4727	1345	4724
33	4911648	19201	13155	293	4670896	32217	11084	422	4701296	14159	2968	1444	4616784	17229	1300	352	4670376	10380	8958	126	4614792	9182	9181	6	4701296	12990	2560	1102	4483888	6576	1314	22
34	4642464	34025	12265	320	4715136	11278	10573	89	4981120	12816	2740	2327	4981120	12821	1204	2382	4588280	9412	8625	13	4588280	9381	9011	12	4760328	6518	2507	668	4981120	11069	1217	2130
35	4610256	13312	12059	1677	4596952	18661	10082	10404	4602288	2807	2706	2743	4760328	6317	1188	563	4597024	8656	8607	19	4597440	18906	8684	678	4848992	8219	2486	4423	4760328	6537	1174	688
36	4942968	23652	11778	218	4662448	16049	10028	136	4760328	6321	2531	567	4598536	32707	1138	264	4715136	10336	8564	48	4642464	16953	8341	207	4835800	6870	2311	347	4598536	34617	1142	230
37	4911600	18850	11710	305	4911648	18974	10024	383	4848992	8757	2526	4468	4591608	7447	1121	7364	4597440	20228	8111	750	4597024	8702	8016	21	4911632	17729	2297	244	5099608	1660	1141	95
38	4616784	17363	11540	364	4588280	9887	9330	14	4911632	37911	2506	365	4608280	1827	1110	1706	4911648	10559	7869	223	4911648	10495	7975	254	4923432	8588	2144	142	4591608	6263	1122	6174
39	4596952	18686	11512	10342	4614792	8920	8912	15	4835800	9919	2418	351	4701296	14050	1078	1359	4662448	10028	7862	45	4700088	13566	7572	83	5101280	5086	2139	2108	4608280	1383	1121	1296
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41	4701272	11905	10644	383	4981120	12866	8137	2731	4911648	18983	2133	372	4581664	3801	992	883	4268472	12443	7258	9427	5101376	14526	7169	13250	4596952	16583	1963	11124	4701296	12961	1065	1225
42	4499288	11236	10421	81	4700088	14423	7335	103	4494632	7300	2024	151	5101344	3363	957	2978	4484392	7478	7207	94	5059056	8298	7102	1486	5059056	8249	1801	1343	4581664	3750	991	852
43	4715136	11274	10156	86	5101376	15948	7284	14238	5059056	9080	1929	1580	4598032	253059	904	6000	5101376	14483	7160	13229	4701304	10730	6723	253	4837528	4732	1778	4723	4598032	109570	989	3594
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46	4410056	40263	9202	1	4701272	11900	6670	313	4923432	4428	1850	186	5099680	5428	795	696	5059056	8273	6393	1494	4637368	9710	6509	13	4597440	19597	1686	705	4478216	4566	806	69
47	4588280	9739	8737	17	4863688	7466	6459	127	4837528	4718	1829	4714	4478216	5179	775	70	4760328	6536	6090	594	4848992	8160	6292	4564	4715136	10327	1647	43	5099680	5383	804	664
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52	4662448	16049	7559	131	4945064	5925	5728	10	4591608	7453	1515	7371	4608040	5167	693	1406	4613280	9476	5497	486	5101296	49081	5790	39552	4670896	8970	1441	353	4598096	66411	673	2991
53	4670376	13766	7434	184	4701304	11688	5439	291	4614400	90059	1413	13588	4770624	663	659	663	4701304	10729	5395	329	4268472	12451	5589	9191	4922912	6385	1415	220	4770624	660	659	660
54	5101376	16130	7352	14507	4911808	13330	5254	231	4920824	4213	1387	264	4268472	12614	651	9731	4637368	9711	5388	14	4863688	8875	5520	95	4591608	6260	1349	6170	4770848	650	649	650
55	4848992	8760	7271	4360	5101296	48904	5230	39634	4922912	12555	1357	519	4770848	650	649	650	4835800	6870	5256	346	4923432	8586	5295	131	4476776	5448	1333	23	4608040	1212	646	1082
56	4268472	12613	7191	9590	4597024	5624	4949	27	4715136	11277	1355	93	4941280	776	640	776	4590536	5222	5208	1	4590536	5205	5183	1	4719064	7626	1318	220	4268472	12444	643	9857
57	4618312	14572	7061	201	4918456	8385	4936	34	4700088	14443	1336	93	4624440	718	624	683	4863688	8874	5139	95	4989008	5530	5030	11	4614400	42657	1307	9078	4941280	661	638	661
58	5059056	9088	6706	1941	4929528	6929	4905	231	4701272	11899	1334	279	4484392	7306	576	113	4670896	8969	5129	285	4476776	5449	4851	23	4923464	3886	1291	75	4624440	674	592	636
59	4572336	7876	6576	3	4835800	9918	4736	353	4476776	8664	1329	47	4249928	6299	564	6096	4484192	6586	5095	45	4363376	4900	4829	1	4920832	3805	1280	160	4484392	7486	578	102
60	5041560	13313	6461	160	4281880	6899	4641	1	4923464	4205	1316	97	4917696	4105	556	180	5057536	7284	5086	801	5057536	7245	4790	793	4701272	6542	1223	236	4249928	3098	565	3027
61	4982896	15074	6367	59	5057536	7729	4640	955	4719064	7012	1235	261	4923464	4306	526	90	4477320	5655	5062	24	4835800	6873	4660	360	4608280	1405	1174	1322	4917696	3602	559	143
62	4670032	29972	6351	205	4219088	5100	4594	1	4484000	4354	1223	57	5101216	2744	510	1439	4981112	6031	5059	174	4837528	4733	4580	4723	4726336	1181	1174	1	4608024	12116	535	8817
63	4476776	8663	6297	54	4837528	4703	4564	4693	5101312	3178	1178	2093	4608024	11028	499	8732	4989008	5540	5008	8	4911808	9536	4399	159	5099680	5386	1156	633	4923464	4052	531	63
64	4911808	12749	6087	208	5101280	5992	4525	2622	4608280	1848	1170	1722	4591656	1722	487	487	4476776	5447	4886	23	4929528	4925	4385	160	5101312	2577	1122	1882	5042312	10334	501	4766
Total L1 Misses	8524961			Total L1 Misses	8480583			Total L1 Misses	8475735			Total L1 Misses	8478254			Total L1 Misses	5199607			Total L1 Misses	5190448			Total L1 Misses	5190433			Total L1 Misses	5186042		
Total L2 Misses	3006540			Total L2 Misses	2277203			Total L2 Misses	759937			Total L2 Misses	381813			Total L2 Misses	2368055			Total L2 Misses	2152620			Total L2 Misses	685477			Total L2 Misses	382839		
Total EAs	15669			Total EAs	15676			Total EAs	15717			Total EAs	15699			Total EAs	15635			Total EAs	15642			Total EAs	15656			Total EAs	15640		
Total EAs (Miss)	5043			Total EAs (Miss)	4998			Total EAs (Miss)	5056			Total EAs (Miss)	4951			Total EAs (Miss)	2706			Total EAs (Miss)	2736			Total EAs (Miss)	2687			Total EAs (Miss)	2632		
Total EAs (Hit)	10626			Total EAs (Hit)	10678			Total EAs (Hit)	10661			Total EAs (Hit)	10748			Total EAs (Hit)	12929			Total EAs (Hit)	12906			Total EAs (Hit)	12969			Total EAs (Hit)	13008		
Only 1 EA	2			Only 1 EA	2			Only 1 EA	1			Only 1 EA	0			Only 1 EA	1			Only 1 EA	2			Only 1 EA	2			Only 1 EA	0		
Only 2 EA	2			Only 2 EA	2			Only 2 EA	1			Only 2 EA	0			Only 2 EA	1			Only 2 EA	2			Only 2 EA	2			Only 2 EA	0		
Only 3 EA	3			Only 3 EA	2			Only 3 EA	1			Only 3 EA	0			Only 3 EA	1			Only 3 EA	2			Only 3 EA	2			Only 3 EA	0		
Only 4 EA	3			Only 4 EA	2			Only 4 EA	1			Only 4 EA	0			Only 4 EA	1			Only 4 EA	2			Only 4 EA	3			Only 4 EA	0		

	Config 01				Config 03				Config 07				Config 09				Config 19				Config 21				Config 25				Config 27			
Rank	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4195152	237114	44957	32543	4195104	236985	12510	34551	4195080	215126	10753	14052	4576112	5401	718	4912	4195152	237070	44348	32395	4195104	237259	12005	34834	4195080	216642	10714	13557	4578664	2786	704	2088
2	4267880	952855	38517	11125	4195152	236653	12449	32461	4267880	952795	2608	10480	4578664	6476	701	5782	4267880	961750	38348	10702	4195152	236925	11910	31988	4267880	962060	2602	9977	4576112	2812	695	2296
3	4195080	215329	29497	14315	4541024	5180	4181	663	4195152	236936	1901	32172	4579824	1326	133	1228	4195080	216783	29628	13888	4195080	216694	5230	13599	4195152	236912	1878	32031	4578824	650	151	555
4	4268712	619185	29059	9318	4195080	201113	3000	14321	4267424	651277	1684	13694	4208352	20828	78	4416	4268712	568209	25131	7200	4541024	4664	4495	722	4267424	625477	1695	13714	4208224	11153	67	4211
5	4267424	651640	25115	14063	4257040	34558	2629	1367	4268896	727160	1414	29749	4536232	1002	74	571	4267424	625554	24907	14088	4252400	15930	2157	2106	4268896	684245	1362	26718	4536232	407	60	329
6	4269288	298816	22599	7301	4268896	721298	2313	28909	4257040	34323	1136	1446	4208224	31925	56	7768	4269288	325953	22648	6999	4257072	4561	2128	158	4257040	34425	1139	1375	4208352	7542	51	2532
7	4269280	510758	21680	9335	4252400	15939	2134	2153	4269280	510996	1058	8868	4208104	26030	46	5617	4269280	509643	20794	8857	4257040	34435	2021	1375	4269280	510343	1024	8452	4592176	307	44	138
8	4269896	420641	17149	9083	4257072	4908	1590	197	4269176	572057	976	20087	4592176	318	43	158	4269896	415614	16520	8437	4268896	684270	1939	27082	4269176	566776	1022	19285	4208104	5516	42	2333
9	4269016	398696	15053	10956	4269176	571238	1549	18092	4269792	486874	865	17599	4492096	4615	36	626	4269016	372058	14573	9812	4285352	7603	1601	3466	4269016	379211	865	9190	4559776	163	28	150
10	4269904	196404	11972	6119	4285680	9894	1515	879	4269016	404909	853	10401	4552608	522	27	132	4269904	207073	11964	5850	4269176	566800	1316	19353	4269792	480666	863	16041	4492096	2875	25	521
11	4268208	1530845	11848	26160	4285352	7992	1374	3491	4269896	420627	820	8029	4561952	221	22	95	4268208	1373184	11713	24175	4269384	267158	1238	6456	4269896	415909	802	7376	4561952	141	23	49
12	4491816	275375	10299	8824	4269792	486389	1296	15809	4578664	6521	703	5864	4539112	11305	21	1269	4268896	683621	9365	30061	4576112	2854	1045	2360	4578664	2774	707	2077	4552608	489	21	116
13	4268896	726458	9418	32410	4268712	672331	1078	8674	4576112	5399	701	4927	4618304	373	20	99	4491816	270915	8971	8176	4285680	9884	985	884	4576112	2833	700	2301	4539112	1572	20	500
14	4267752	1006934	8305	34261	4268728	524277	828	6741	4268984	158955	315	6697	4618336	343	20	82	4267752	867023	8041	30195	4270000	236755	966	5648	4268984	156660	299	5735	4579072	56	16	53
15	4492736	275063	7649	6242	4285408	3220	731	1917	4252400	15934	281	2332	4559776	193	20	165	4257040	34534	6829	1428	4269792	480583	965	16311	4252400	15930	278	2145	4267368	13971	12	4656
16	4492720	250314	7364	6399	4269336	411745	718	5867	4285352	8097	213	3238	4359368	172	16	132	4492736	274136	6746	6089	4285408	3664	965	2037	4285352	7746	218	3279	4537736	48	12	41
17	4491832	290322	7165	8914	4269288	398476	696	6824	4269064	74555	207	5590	4618400	187	15	61	4268984	158809	6735	6971	4267880	961945	947	9986	4195104	237249	186	34991	4618304	16	12	15
18	4268984	162561	7041	7787	4269384	256252	636	6300	4208352	20898	192	4418	4537736	64	14	54	4491832	292179	6370	7949	4578664	2728	947	2071	4269064	70769	186	4967	4464336	3547	11	1079
19	4257040	34369	7005	1406	4543240	2763	627	1	4195104	237211	177	33251	4209136	51917	13	1753	4269176	568005	6350	19631	4267424	625496	743	13740	4208352	7503	179	2506	4552576	394	11	99
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21	4195104	237400	6030	33685	4578664	6515	485	5630	4208224	31844	107	7764	4579072	349	12	340	4195104	237425	6010	35452	4256776	9309	492	244	4208224	11053	100	4258	4553232	107	10	37
22	4269792	486569	5457	18390	4267880	943349	478	10219	4285408	2427	98	1506	4464336	14251	11	2744	4269792	480510	5338	17086	4208224	11126	457	4214	4256984	697	96	92	4359368	150	8	116
23	4460368	204335	4986	1577	4267424	641570	463	13843	4552568	270	95	12	4630712	7334	9	108	4252400	15930	4913	2128	4268208	1373656	452	23560	4552568	284	91	6	4568768	19	8	15
24	4252400	15936	4940	2347	4576112	5281	462	4704	4256984	722	90	86	4552576	473	9	114	4464840	41279	4509	923	4269600	107244	428	14364	4267368	14147	89	4740	4414720	14	8	9
25	4464840	127141	4300	1080	4208224	14899	461	4945	4492712	203627	81	6700	4592080	38	8	30	4464856	28667	4405	876	4269336	344167	411	5699	4285408	2233	85	1511	4553440	108	7	33
26	4207664	228622	4281	9633	4270000	223122	451	5856	4365224	625	80	625	4568768	25	8	23	4460368	216213	3937	1552	4269280	510417	402	8474	4492712	131372	83	6067	4209136	79	7	68
27	4464856	61445	4095	1047	4285672	1583	438	172	4267368	155450	67	16273	4268896	727540	6	29363	4462984	25635	3918	878	4383800	432	387	432	4208104	5620	83	2308	4603512	399	6	73
28	4460240	165513	4090	1908	4267752	996554	413	32434	4208104	26020	67	5575	4267368	155917	6	16329	4464848	23670	3899	834	4267752	870946	380	28721	4365224	624	82	624	4561944	105	6	13
29	4269064	78096	3774	6730	4269904	264442	383	5288	4536232	990	54	560	4267768	146410	6	14544	4207664	225594	3827	9549	4537472	647	367	1	4536232	437	56	361	4579264	20	6	19
30	4464848	58523	3623	991	4269952	283762	379	5425	4267768	146701	50	14653	4206968	6010	6	2898	4269064	75061	3615	6147	4269016	379538	363	9307	4592176	318	43	134	4590968	12	6	10
31	4207544	172618	3508	10094	4383800	488	373	488	4541024	4731	46	824	4207088	5356	6	2483	4268080	310178	3430	13247	4358144	752	358	752	4559776	128	38	113	4568496	10	6	10
32	4269024	70726	3428	9960	4541704	2290	342	1	4592176	322	45	155	4603512	400	6	76	4269024	53818	3415	7744	4492736	274389	354	6015	4365200	550	37	550	4618400	8	6	8
33	4541024	4734	3252	856	4358144	763	332	763	4559776	213	42	183	4590968	13	6	10	4460240	175895	3336	1810	4269896	415966	342	7538	4267768	7063	31	3525	4491448	228620	5	7123
34	4268080	347476	3240	14622	4355088	614	309	614	4365200	559	37	559	4568496	9	6	8	4541024	4664	3239	759	4355088	616	340	616	4541024	4667	31	789	4492928	10802	5	2116
35	4491640	286278	3117	7947	4267368	121696	289	14763	4492096	4559	36	628	4491448	240282	5	7724	4491640	287016	3109	7388	4540920	420	333	96	4492096	2974	31	515	4209344	1613	5	444
36	4256776	9084	3022	260	4256776	8889	285	247	4383800	514	32	514	4492688	3464	5	230	4256776	9315	3036	260	4269904	206838	322	4970	4383800	429	30	429	4207088	976	5	669
37	4267624	306827	2858	18657	4603512	400	285	78	4267824	298709	29	12467	4555352	2794	5	151	4207544	159434	2942	10055	4543240	2337	318	1	4267824	69953	28	5973	4630712	159	5	7
38	4464864	51276	2842	1004	4554432	1299	259	139	4435312	34968	28	3090	4561968	108	5	73	4464864	29150	2882	809	4267368	13905	301	4704	4435312	35182	27	3013	4592080	23	5	20
39	4285352	8148	2689	3578	4269056	140995	253	11718	4306312	624	26	624	4553440	84	5	37	4267624	261885	2862	16388	4603512	399	287	74	4306312	626	25	626	4267768	7100	4	3447
40	4207792	187286	2674	9709	4269280	510259	246	8005	4618304	387	25	111	4577200	76	5	59	4285352	8009	2683	3540	4491832	292379	265	7979	4561952	177	23	51	4206968	975	4	657
41	4462984	54459	2632	1007	4491448	201643	244	7525	4618336	359	25	95	4618296	53	5	53	4541656	4676	2504	1	4269472	58451	261	13128	4269680	4805	22	1622	4552680	779	4	95
42	4269336	274021	2591	6028	4540920	939	244	133	4568768	30	25	29	4269200	48	5	43	4269336	343894	2412	5897	4544432	300	242	56	4552608	521	22	108	4543488	297	4	57
43	4541656	4919	2533	1	4545824	1837	227	1	4552608	505	24	120	4556384	2081	4	49	4207792	182607	2371	9740	4269952	221862	234	4930	4539112	1574	20	514	4555352	177	4	48
44	4269552	21486	2127	784	4345976	651	219	637	4537728	63	24	9	4575560	1258	4	165	4269552	4305	2104	342	4360048	509	210	509	4568768	21	19	19	4575464	61	4	25
45	4268096	227698	2021	16598	4208352	9045	216	2673	4209136	52027	23	1779	4543488	1052	4	173	4270168	5379	2020	910	4208104	5430	200	2283	4209136	71	18	62	4577200	25	4	22
46	4270168	18863	2018	1371	4269016	398009	205	9956	4539112	11333	22	1258	4561944	131	4	20	4285408	3951	1914	2095	4365224	623	200	623	4600248	16	16	11	4268920	25	4	10
47	4285408	4027	1835	2138	4252976	733	200	98	4618400	197	22	67	4579264	58	4	47	4268096	191441	1885	14053	4435312	35227	197	2934	4268816	15957	15	3537	4575560	15	4	12
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49	4269384	289693	1689	7493	4495304	1880	199	1	4561952	199	21	89	4209344	221463	3	3795	4464832	18276	1586	667	4579824	649	194	553	4579072	60	15	56	4618336	9	4	9
50	4464832	57363	1673	856	4435312	35195	198	2977	4202176	419	20	419	4267400	97246	3	5290	4269384	270572	1568	6626	4268712	568000	176	6384	4537728	48	15	1	4267824	69928	3	5907
51	4460248	131900	1560	3359	4537472	948	181	1	4268816	132724	17	9540	4492408	89012	3	470	4460248	128447	1555	2934	4355384	511	170	511	4464336	3520	14	1099	4268816	16020	3	3556
52	4460296	69052	1535	2412	4422120	307	180	307	4600248	17	17	1	4270480	68033	3	7560	4462944	6874	1474	590	4545824	1925	167	1	4346144	1156	14	1156	4594992	136	3	12
53	4462944	24829	1512	779	4208104	12701	176	3617	4359368	174	16	134	4492928	22769	3	3314	4268072	1683338	1472	25245	4317520	1842	156	1275	4267752	871311	13	28664	4561968	48	3	41
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56	4206536	27750	1385	5568	4269600	94645	171	12962	4267752	1009477	13	32953	4578776	644	3	186	4206536	25144	1250	5578	4592176	327	152	134	4553232	85	12	36	4270512	77280	2	4020
57	4268072	1914052	1366	27647	4269472	52047	163	12353	4579072	312	13	304	4517120	203	3	41	4270000	237995	1249	6512	4422120	307	145	307	4618304	17	12	13	4267400	19956	2	777
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60	4286912	4395	1187	1199	4355384	512	157	512	4268208	1533958	10	25476	4268920	48	3	37	4269952	222045	1218	5742	4267768	7258	137	3508	4270368	5688	11	2580	4594904	130	2	2
61	4462920	15679	1152	727	4555352	2903	146	167	4209344	221514	10	3762	4552992	17	3	12	4460296	70012	1212	2284	4630712	160	137	10	4367160	151	10	151	4622776	130	2	1
62	4464904	66168	1147	796	4346144	1118	146	1115	4270368	77100	10	12711	4570200	12	3	12	4286912	4691	1180	1167	4536232	419	135	347	4537736	51	10	38	4208488	103	2	70
63	4267640	130942	1093	15209	4317520	1839	140	1309	4378296	293	10	259	4592648	11	3	10	4269600	108071	1055	15055	4378040	141	134	141	4491808	203876	9	8750	4385848	66	2	66
64	4269600	110783	1040	16239	4267768	114030	139	13744	4367160	151	10	151	4590936	10	3	6	4464904	43855	1046	599	4346144	1112	133	1112	4206968	887	9	622	4622416	61	2	32
Total L1 Misses	30457641			Total L1 Misses	30903149			Total L1 Misses	30367922			Total L1 Misses	30366771			Total L1 Misses	22647951			Total L1 Misses	22570341			Total L1 Misses	22566696			Total L1 Misses	22568259		
Total L2 Misses	499432			Total L2 Misses	77583			Total L2 Misses	29141			Total L2 Misses	2482			Total L2 Misses	484908			Total L2 Misses	78075			Total L2 Misses	28881			Total L2 Misses	2333		
Total EAs	6798			Total EAs	6794			Total EAs	6765			Total EAs	6784			Total EAs	6759			Total EAs	6766			Total EAs	6747			Total EAs	6752		
Total EAs (Miss)	3729			Total EAs (Miss)	3597			Total EAs (Miss)	3741			Total EAs (Miss)	3751			Total EAs (Miss)	2511			Total EAs (Miss)	2485			Total EAs (Miss)	2507			Total EAs (Miss)	2473		
Total EAs (Hit)	3069			Total EAs (Hit)	3197			Total EAs (Hit)	3024			Total EAs (Hit)	3033			Total EAs (Hit)	4248			Total EAs (Hit)	4281			Total EAs (Hit)	4240			Total EAs (Hit)	4279		
Only 1 EA	1			Only 1 EA	5			Only 1 EA	1			Only 1 EA	0			Only 1 EA	1			Only 1 EA	3			Only 1 EA	1			Only 1 EA	1		
Only 2 EA	1			Only 2 EA	5			Only 2 EA	1			Only 2 EA	0			Only 2 EA	1			Only 2 EA	3			Only 2 EA	1			Only 2 EA	2		
Only 3 EA	1			Only 3 EA	5			Only 3 EA	1			Only 3 EA	0			Only 3 EA	1			Only 3 EA	3			Only 3 EA	1			Only 3 EA	2		
Only 4 EA	1			Only 4 EA	5			Only 4 EA	1			Only 4 EA	0			Only 4 EA	1			Only 4 EA	3			Only 4 EA	1			Only 4 EA	2		

Rank	Config 55				Config 57				Config 61				Config 63				Config 73				Config 75				Config 79				Config 81			
	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs	PC	L1 Misses	L2 Misses	Number of EAs
1	4195152	226020	44543	28588	4195104	223379	11896	30633	4195080	171660	10569	12400	4576112	3485	719	2918	4195152	219558	38561	25292	4195104	220881	11977	26776	4195080	123525	10099	11078	4576112	2760	711	2266
2	4267880	687762	37404	10084	4195152	225928	11821	28401	4267880	688239	2496	9440	4578664	3591	696	2788	4267880	531279	32170	8871	4195152	219577	11934	25358	4267880	531820	2451	8612	4578664	2718	704	2098
3	4268712	356034	29981	6276	4541024	4592	4159	703	4195152	225877	1877	28360	4579824	859	141	747	4195080	123592	25774	11121	4195080	123564	4823	11028	4195152	219594	1867	25322	4579824	622	142	535
4	4195080	171793	29150	12687	4195080	171683	3028	12393	4267424	450274	1640	12775	4536232	325	70	280	4269288	63696	23174	4043	4541024	4576	4449	646	4267424	342320	1578	12208	4536232	258	70	245
5	4267424	451028	24511	13122	4257072	4488	2113	200	4268896	412453	1414	22103	4208352	1225	62	646	4267424	342297	21076	12508	4257072	4481	2110	167	4268896	447288	1204	24159	4208224	783	60	585
6	4269288	143710	23820	5714	4285352	7283	1540	3270	4257040	24368	1139	1252	4208224	2322	57	1495	4269904	39403	13319	2504	4285352	7378	1619	3378	4257040	27304	1075	1367	4208352	225	45	163
7	4269280	376160	20556	8400	4252400	15930	1517	2093	4269176	329530	982	14045	4592176	312	41	138	4269280	295460	12698	7000	4268896	447232	1499	24489	4269176	368306	851	14385	4592176	296	42	138
8	4269896	309344	16224	7710	4257040	24348	1389	1272	4269280	376472	929	8001	4208104	1664	40	1016	4269896	234405	9863	5631	4257040	27153	1498	1330	4269792	306650	773	10827	4208104	416	41	342
9	4269016	272111	14083	9834	4268896	412334	1205	21965	4269792	285023	928	11629	4552608	414	35	120	4269016	211762	8891	8935	4252400	15930	1496	2030	4576112	2774	703	2286	4552608	361	36	110
10	4269904	93420	13224	4352	4576112	3419	1070	2904	4269016	275944	748	9412	4492096	61	30	59	4268208	588635	8613	20939	4285408	3933	1207	2055	4578664	2695	703	2071	4492096	242	23	219
11	4268208	682436	12650	21032	4285408	3838	1053	1950	4269896	309307	747	6730	4559776	129	23	106	4268896	446457	6913	26611	4576112	2809	1066	2315	4269280	295732	633	6609	4539112	149	20	135
12	4491816	59182	9559	3878	4578664	3586	980	2869	4576112	3466	713	2901	4539112	520	20	320	4257040	27229	6295	1611	4269176	368305	1016	14585	4269016	213079	487	8504	4559776	97	18	97
13	4268896	411026	9015	24345	4269384	142818	901	5435	4578664	3574	697	2819	4553232	58	18	42	4195104	220900	5966	26833	4578664	2660	1008	1996	4269896	234366	476	4668	4561952	150	16	42
14	4267752	420360	8488	23854	4270000	123411	663	4818	4268984	115422	264	5895	4579072	189	15	179	4267752	373597	5724	24005	4269288	63694	957	3885	4285352	7479	212	3151	4464336	378	13	154
15	4492720	50078	6694	2937	4269176	329632	581	14105	4252400	15930	259	2184	4267368	28390	13	6157	4268712	113829	4324	3323	4267880	531886	923	8574	4252400	15930	172	2082	4553232	59	13	28
16	4257040	24426	6569	1266	4269792	285129	526	11775	4269064	62292	204	5905	4561952	74	13	39	4269176	368473	4185	14666	4269384	127857	886	4647	4195104	220865	170	26830	4579072	52	12	46
17	4268984	117217	6513	6788	4256776	6872	474	301	4285352	7292	195	3120	4464336	892	11	353	4268984	84957	3874	5934	4267424	342338	766	12062	4268984	84960	155	5208	4552576	276	7	68
18	4492736	151600	6026	4399	4269288	144567	458	5588	4195104	223397	174	30677	4618304	24	11	14	4269792	306292	3674	11905	4269792	306709	735	11045	4579824	633	145	548	4209136	81	7	64
19	4269176	329971	6011	14281	4543240	1647	383	1	4208352	1227	166	661	4537736	52	10	44	4464856	9234	3414	599	4270000	105614	668	3565	4269064	44395	133	5012	4537736	24	7	18
20	4195104	223560	5998	30855	4383800	448	381	448	4257240	29218	144	836	4618336	11	10	11	4269336	51071	3267	3085	4269904	39504	496	2129	4208352	173	127	138	4603512	399	6	79
21	4491832	160191	5626	5901	4208224	2291	374	1483	4579824	863	143	746	4206968	485	7	386	4462984	12388	3258	673	4256776	7307	495	270	4257240	6851	126	466	4206968	145	6	112
22	4269792	284705	5064	12432	4358144	750	359	750	4208224	2342	101	1520	4552576	357	7	83	4252400	15930	3236	2044	4269336	51159	430	2975	4208224	718	95	535	4590968	10	6	7
23	4460368	50063	4394	993	4537472	506	327	1	4285408	2128	92	1406	4618400	33	7	18	4541024	4574	3227	692	4285680	9828	425	842	4208104	424	95	364	4568496	8	6	7
24	4207664	51866	4355	4137	4269600	50995	317	11137	4256984	528	91	87	4592080	21	7	18	4464840	9611	3197	629	4383800	428	383	428	4256984	532	91	88	4618304	7	6	7
25	4464856	37847	4218	884	4355088	604	317	604	4208104	1693	86	1033	4603512	399	6	84	4491640	224457	3166	6684	4208224	721	373	519	4552568	219	86	5	4618400	6	6	6
26	4464840	71281	4186	924	4267880	688240	289	9445	4267368	28392	85	6299	4630712	154	6	9	4464864	11208	3102	545	4358144	745	357	745	4285408	2176	85	1429	4267368	6140	5	2378
27	4252400	15930	4112	2184	4267424	450396	289	12807	4552568	251	85	10	4553440	81	6	28	4285352	7864	2783	3462	4268208	589679	321	20645	4492712	15455	80	2813	4209344	303	5	170
28	4269064	65126	3876	6762	4603512	399	287	79	4536232	325	58	278	4359368	76	6	63	4256776	7307	2698	327	4603512	399	288	74	4435312	22124	72	2609	4630712	149	5	9
29	4460240	36307	3246	1060	4194944	5637	286	1	4492712	28610	53	3834	4590968	11	6	8	4464848	6443	2691	561	4543240	1849	285	1	4267368	6099	64	2375	4561944	95	5	11
30	4464848	30259	3237	829	4540920	413	278	88	4592176	314	45	145	4568496	9	6	7	4269064	45512	2299	5632	4537472	404	280	1	4536232	229	52	216	4568768	25	5	23
31	4541024	4594	3231	727	4492736	151579	274	4323	4365224	574	44	574	4491448	26704	5	2935	4269024	45717	2140	7908	4269600	41251	265	9628	4365224	624	48	624	4592080	24	5	17
32	4207544	41928	3228	4494	4267368	28429	267	6159	4559776	130	37	108	4209136	69	5	57	4493592	146777	2127	5501	4267368	6102	264	2415	4592176	289	41	132	4579264	15	5	15
33	4269024	64531	3192	8753	4554432	335	237	63	4267768	16521	33	4441	4268896	412454	4	21903	4541656	2570	2034	1	4267752	375226	262	23051	4267768	2085	39	1410	4575560	7	5	7
34	4491640	219212	3121	7246	4491832	161241	233	5896	4383800	458	30	458	4267824	45237	4	5345	4285408	4053	1981	2079	4355088	612	262	612	4306312	536	34	536	4268896	447256	4	24334
35	4256776	6870	2940	294	4268208	684012	231	20513	4541024	4593	29	694	4267400	29226	4	2262	4492736	183547	1963	5536	4554432	280	246	44	4559776	111	34	111	4491448	22739	4	3054
36	4462984	37810	2774	841	4267752	423480	227	22828	4306312	530	29	530	4267768	16473	4	4411	4491816	122277	1892	6175	4269952	31768	239	1961	4365200	545	30	545	4492408	2983	4	244
37	4464864	35664	2729	779	4269904	94292	222	3744	4552608	391	29	108	4492928	4797	4	1123	4491832	192837	1879	6838	4492736	183605	228	5434	4491808	24023	27	3885	4267768	2139	4	1393
38	4285352	7596	2700	3432	4256784	1471	221	95	4365200	525	28	525	4552680	750	4	99	4268080	94436	1843	9538	4208104	433	224	346	4541024	4576	27	679	4555352	163	4	37
39	4269336	184329	2652	4984	4345976	577	214	563	4492096	60	28	59	4555352	219	4	56	4269952	31702	1796	2272	4345976	567	220	563	4383800	431	27	431	4207088	89	4	60
40	4268080	120208	2622	10325	4360048	508	202	508	4269680	3430	24	1322	4561944	91	4	9	4464832	3908	1760	358	4269280	295634	216	6703	4552608	363	24	97	4577200	16	4	14
41	4207792	31669	2618	4722	4208104	1676	201	1034	4435312	27843	22	2803	4568760	37	4	17	4267624	88634	1721	11543	4579824	641	216	560	4492096	266	22	230	4575464	8	4	8
42	4267624	107726	2570	11510	4579824	888	200	784	4537728	44	21	3	4569968	37	4	29	4462944	4388	1340	500	4269896	234349	206	4712	4539112	147	20	132	4576832	7	4	7
43	4541656	3562	2391	1	4268712	355593	197	5636	4267824	45308	20	5331	4575560	34	4	26	4268096	79459	1276	10257	4540920	372	203	69	4568768	24	20	21	4268816	1399	3	998
44	4493592	145245	2085	5538	4194904	1881	188	1	4539112	521	20	323	4577200	22	4	20	4464904	4180	1266	306	4360048	509	202	509	4202176	433	17	433	4552680	591	3	93
45	4269552	4648	2005	299	4269472	27882	183	8478	4202176	360	19	360	4575464	21	4	15	4492720	109117	1257	5009	4269016	213487	191	8567	4464336	397	17	161	4543488	216	3	28
46	4285408	4074	1984	2071	4208352	1250	176	663	4360048	508	18	508	4269176	329616	3	13844	4269056	76076	1237	11218	4435312	22192	191	2609	4561952	136	17	46	4270480	210	3	94
47	4270168	4788	1856	669	4545824	1367	170	1	4553232	52	17	37	4543488	706	3	93	4462712	2213	1217	371	4269472	23432	189	6801	4209136	51	16	39	4594992	136	3	12
48	4464832	26807	1819	617	4269280	376370	168	8045	4561952	82	15	42	4209344	427	3	228	4464896	3341	1192	254	4491832	193213	174	6851	4553232	68	14	31	4492928	108	3	63
49	4268096	95921	1779	11123	4435312	27827	165	2757	4600248	15	15	3	4578776	182	3	96	4269384	129238	1181	4807	4256784	3269	173	139	4579072	50	14	44	4553440	86	3	26
50	4269056	79109	1637	11386	4355384	494	161	494	4492688	86	13	68	4594992	136	3	12	4460368	70378	1164	1168	4545824	1639	158	1	4345976	562	13	559	4553360	31	3	17
51	4462944	11952	1485	663	4257240	29218	150	867	4268208	684790	12	20595	4537768	77	3	44	4269552	2432	1143	242	4257240	6858	155	467	4568760	59	13	18	4561968	28	3	26
52	4194944	5519	1376	1	4592176	313	150	146	4268816	8903	12	2472	4208488	37	3	35	4462920	3267	1128	453	4317520	1473	154	1076	4378040	135	12	135	4492112	10	3	10
53	4206536	10091	1370	2118	4317520	1419	149	1026	4579072	194	12	183	4517120	35	3	17	4270168	2588	1111	515	4355384	512	150	512	4267824	1750	11	963	4590936	7	3	4
54	4462920	6220	1312	606	4555352	231	145	60	4378040	137	12	137	4579264	16	3	15	4286912	2464	1057	499	4555352	167	144	38	4618304	13	11	11	4578776	6	3	6
55	4269952	123972	1307	4649	4630712	162	144	13	4209136	63	12	46	4269904	94215	2	3645	4460240	54318	1042	1459	4536232	265	142	244	4267752	375069	10	23157	4518344	3	3	3
56	4460296	19419	1241	1203	4536232	356	143	307	4345976	572	11	561	4270576	13723	2	2771	4270000	106454	941	4150	4592176	320	141	137	4367160	153	10	153	4270576	2659	2	1172
57	4269384	144969	1231	5616	4541704	882	142	1	4367160	149	11	149	4207088	390	2	286	4576112	2788	911	2293	4630712	148	136	19	4537728	29	10	4	4267824	1716	2	916
58	4462712	4429	1218	490	4269016	276088	137	9353	4267752	422421	10	22683	4577376	161	2	45	4578664	2686	899	2001	4378040	135	135	135	4268208	590813	9	20488	4267400	439	2	86
59	4267640	55555	1085	9097	4543488	693	137	101	4594904	1420	10	1038	4594904	130	2	2	4267368	5761	801	2464	4268712	113760	134	3102	4321616	277	9	277	4622776	130	2	1
60	4464896	10859	1068	434	4378040	135	133	135	4346144	1013	10	1013	4622776	130	2	1	4464872	2084	791	357	4267768	2031	133	1356	4206968	137	9	97	4594904	130	2	2
61	4286912	2883	1044	678	4543656	1581	132	163	4464336	895	10	360	4554520	114	2	28	4270744	3184	785	1049	4318016	405	131	372	4492688	48	9	29	4554520	95	2	25
62	4270000	124607	956	5442	4422120	306	132	306	4552576	343	10	82	4268920	47	2	18	4462888	2840	777	363	4543488	205	130	41	4268816	1424	8	1047	4270392	78	2	35
63	4576112	3497	927	2923	4594992	138	130	15	4618304	23	10	14	4583536	38	2	21	4267640	43839	743	8716	4543656	198	130	61	4346144	1102	8	1102	4537768	55	2	32
64	4269600	51738	905	11768	4622776	130	130	1	4378296	111	8	104	4552992	14	2	14	4256784	3267	743	166	4594992	138	130	15	4270368	366	8	183	4385548	51	2	51
Total L1 Misses	11656282			Total L1 Misses	11613843			Total L1 Misses	11610564			Total L1 Misses	11614115			Total L1 Misses	8556442			Total L1 Misses	8528936			Total L1 Misses	8527102			Total L1 Misses	8529767		
Total L2 Misses	484495			Total L2 Misses	67431			Total L2 Misses	28275			Total L2 Misses	2340			Total L2 Misses	352975			Total L2 Misses	73477			Total L2 Misses	26019			Total L2 Misses	2301		
Total EAs	6789			Total EAs	6773			Total EAs	6759			Total EAs	6738			Total EAs	6770			Total EAs	6767			Total EAs	6727			Total EAs	6722		
Total EAs (Miss)	2526			Total EAs (Miss)	2503			Total EAs (Miss)	2521			Total EAs (Miss)	2512			Total EAs (Miss)	1831			Total EAs (Miss)	1810			Total EAs (Miss)	1827			Total EAs (Miss)	1836		
Total EAs (Hit)	4263			Total EAs (Hit)	4270			Total EAs (Hit)	4238			Total EAs (Hit)	4226			Total EAs (Hit)	4939			Total EAs (Hit)	4957			Total EAs (Hit)	4900			Total EAs (Hit)	4886		
Only 1 EA	2			Only 1 EA	7			Only 1 EA	0			Only 1 EA	1			Only 1 EA	1			Only 1 EA	3			Only 1 EA	0			Only 1 EA	1		
Only 2 EA	2			Only 2 EA	7			Only 2 EA	0			Only 2 EA	2			Only 2 EA	1			Only 2 EA	3			Only 2 EA	1			Only 2 EA	2		
Only 3 EA	2			Only 3 EA	7			Only 3 EA	2			Only 3 EA	2			Only 3 EA	1			Only 3 EA	3			Only 3 EA	0			Only 3 EA	3		
Only 4 EA	2			Only 4 EA	7			Only 4 EA	2			Only 4 EA	2			Only 4 EA	1			Only 4 EA	3			Only 4 EA	1			Only 4 EA	4		