	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	4637008	591219	24204	32573	4715856	20929	15785	11773	4715184	18043	7435	11286	4715856	20891	5232	12285	4637008	210953	18821	21348	4715856	20463	15857	10954	4715184	17624	7404	10482	4715856	20478	4161	11517
2	4208600	165341	17631	18239	4715768	20337	15544	12205	4715768	20336	6702	12594	4715768	20323	4140	12647	4715856	20477	15699	10949	4715768	20059	15552	11406	4715768	20115	5975	11744	4715768	20115	3114	11752
3	4635920	758766	17588	39373	4637008	588937	10455	31731	4715856	20907	5525	12188	4715184	18379	3125	11682	4715768	20065	15391	11318	4715184	17146	10732	10048	4715856	20483	5200	11436	4715184	17868	2506	10597
4	4208344	62278	15633	5187	4715184	17630	10445	11009	4422496	18126	4235	3663	4635920	758491	1448	39640	4208600	108838	13251	12791	4637008	209928	9295	20689	4422496	17429	3584	3109	4621360	10650	1023	3863
5	4715856	20869	15618	11772	4422496	18185	8515	3599	4635920	758886	3040	39701	4621360	10746	1120	3928	4637040	207763	11983	76358	4422496	17504	8465	3153	4715144	7384	2140	4700	4635920	237704	785	25336
6	4715768	20332	15314	12209	4422424	16472	7995	3372	4553296	252504	2489	21839	4637008	589793	1045	32138	4635920	238550	11518	25672	4422424	16717	8154	3057	4635920	238079	1995	25506	4715144	7133	723	4686
7	4635952	569469	14643	112042	4635920	757414	7887	38757	4715144	8088	2360	5317	4715144	7584	969	5179	4635952	206002	11494	73993	4637528	23591	5364	7853	4584136	4719	1684	1155	4637008	210115	714	20843
8	4637040	435647	14266	107817	4637528	69680	5960	20374	4200200	84505	2209	12953	4381832	23054	871	15024	4715184	17238	10489	10072	4635920	237450	5261	24857	4553296	77768	1553	12892	4213208	3788	638	1683
9	4208152	59125	12477	6537	4206312	5498	3972	4349	4637008	588014	1908	32120	4206312	5604	847	4461	4422424	16801	8482	3168	4206312	5773	3433	4327	4621360	10662	1421	4005	4381832	8544	630	6997
10	4715184	17670	10129	10902	4381832	23094	3929	15142	4584136	5477	1705	1486	4213208	1662	764	1496	4422496	17601	8111	3288	4497288	6688	3301	1197	4637008	210020	1367	21105	4206312	5937	614	4374
11	4637528	70438	9731	21133	4553296	252165	3622	21614	4206312	5527	1489	4414	4718608	4371	662	2641	4637528	23935	7605	8402	4715144	7877	3059	4651	4206312	5988	1241	4424	4589832	1409	594	1201
12	4422496	18318	8445	3829	4200200	84813	3409	13032	4621360	10761	1481	4037	4637528	71234	660	21023	4208152	18161	6897	3173	4381832	8227	2821	6734	4212728	9224	1102	2890	4201736	12775	518	4173
13	4422424	16519	8360	3552	4715144	8546	3320	5290	4381832	23074	1331	15007	4589832	2431	623	1893	4635272	92049	6616	38910	4497192	6548	2745	999	4390976	2020	1028	307	4718608	2918	493	1656
14	4201736	25131	7893	5746	4497288	10312	3288	3195	4212728	26237	1225	4452	4200200	84695	560	12949	4208344	11535	6026	2211	4621360	10715	2694	4170	4404624	5350	1013	1451	4637528	23997	470	8396
15	4636232	295288	7199	71025	4497192	13555	3064	3546	4637528	71003	1072	21104	4201736	25048	542	5596	4201736	13035	5879	4192	4201736	12931	2645	4189	4202336	18528	1003	3699	4212728	9240	436	2941
16	4635272	289750	6906	76195	4636824	91263	3051	19043	4390976	2005	1025	362	4208600	165101	516	17703	4207704	17247	5595	1830	4636824	27576	2612	8581	4200200	9736	982	4239	4307672	2847	428	330
17	4636824	91462	6772	19410	4208600	165274	3024	17721	4715800	3261	1014	2027	4212728	26239	515	4460	4637224	98191	5494	38558	4554896	7529	2559	2328	4381832	8407	978	6863	4208600	108582	406	11984
18	4553296	253569	6586	21765	4554896	76032	2945	6874	4635952	568922	1006	111382	4202688	9990	497	3621	4636232	105592	5460	41522	4402072	7761	2469	2092	4715800	2757	951	1574	4202688	5122	392	1878
19	4637224	213640	6527	64139	4201736	25185	2684	5632	4404624	7350	985	2176	4307672	2854	482	324	4553296	78175	5136	13256	4553296	77519	2399	12884	4589832	1363	852	1165	4213104	3927	367	1850
20	4553088	64122	5410	10138	4621360	10793	2683	4201	4202336	112461	961	7500	4211632	7239	425	1669	4636824	27788	4966	8888	4208600	108557	2329	12052	4637528	24002	844	8468	4202336	18592	356	3727
21	4208656	133334	5160	11093	4402072	5892	2666	1684	4589832	2481	953	1919	4719456	3117	407	1981	4206312	5966	4830	4460	4208152	17948	2032	3045	4213208	3830	761	1691	4489624	692	334	616
22	4582368	22213	5009	2411	4208152	59046	2177	6375	4718608	4407	858	2664	4489624	1089	407	916	4553616	12759	4340	1535	4212728	9283	1881	2935	4718608	2951	750	1676	4200200	9572	333	4139
23	4206312	5708	4996	4523	4207648	60994	2100	13170	4213208	1664	857	1469	4213104	18409	404	3418	4634152	68828	3798	30507	4207648	18917	1717	7899	4422424	16571	736	2942	4386224	4234	332	2836
24	4636200	458134	4838	94259	4212728	26309	2094	4486	4422424	16364	832	3364	4386224	7180	401	4167	4634696	47352	3626	22444	4381144	4099	1609	2029	4213104	3903	724	1824	4719456	1770	331	1139
25	4207648	61236	4734	13320	4553128	64303	1904	7789	4201736	25062	813	5638	4206344	6402	390	4946	4553088	31939	3498	5754	4584136	4739	1605	1129	4201736	12833	714	4160	4553296	77433	321	12764
26	4212728	26722	4648	4617	4374768	8465	1803	1641	4401576	2727	775	1254	4553296	252173	382	21568	4497288	6662	3399	1249	4718608	3024	1586	1751	4207648	18896	681	7786	4590496	2020	311	1636
27	4200200	83841	4364	12897	4381144	6455	1737	2706	4206344	6316	773	4917	4590496	2602	372	2106	4207648	18949	3337	7826	4594424	2307	1578	930	4360800	1334	673	237	4719000	1562	288	870
28	4634152	167038	4199	56968	4584136	5435	1687	1381	4381872	4960	766	2700	4635952	568779	371	111302	4212728	9439	3194	3055	4200200	9719	1503	4227	4307648	2820	651	313	4206344	1087	276	848
29	4200928	60035	3873	5098	4381872	5030	1663	2771	4213104	18624	764	3365	4719000	2628	351	1517	4636200	174779	3155	60410	4375200	1533	1481	364	4635952	205552	599	73309	4207648	18888	261	7706
30	4381832	22920	3812	15087	4718608	4501	1598	2678	4636824	91737	740	19244	4553088	63827	342	9816	4381832	8495	3019	6937	4589224	4229	1473	1096	4401576	2432	597	1033	4435248	363	249	361
31	4634696	134008	3763	47834	4594424	2681	1576	1100	4553128	64436	731	7733	4715800	3304	332	2077	4715144	7777	3016	4607	4553128	36073	1455	6009	4637040	207320	585	75071	4208656	19438	244	4838
32	4202232	46386	3487	7908	4381096	16333	1508	4598	4208600	165295	720	17676	4435248	643	331	576	4582368	4230	2928	329	4715800	2756	1399	1529	4381872	7345	565	2812	4715800	2757	243	1646
33	4211864	32417	3376	7534	4205464	16689	1489	4590	4636232	294016	717	69113	4382224	5117	322	3595	4213584	13953	2858	2382	4307672	2847	1393	263	4553128	36119	563	5974	4553128	36179	232	6027
34	4497288	10261	3370	3139	4553088	64040	1487	9973	4307648	2804	716	326	4553128	64353	318	7669	4200928	11042	2648	1959	4374768	1631	1383	356	4208600	108567	556	12086	4382224	868	231	679
35	4213584	10956	3350	2358	4589224	6345	1483	1594	4548656	14927	665	4284	4206368	5664	304	4035	4497192	6505	2645	1040	4413976	6307	1367	912	4213160	1262	547	1189	4589328	2674	230	2457
36	4715144	8513	3329	5280	4497160	5195	1468	1532	4381248	18089	664	6368	4202336	112579	288	7502	4621360	10715	2568	4171	4307648	2820	1348	267	4636824	27760	531	8833	4590440	1666	228	1244
37	4636384	149996	3242	42871	4401576	2351	1465	1049	4207648	61231	653	13327	4636824	91866	282	19222	4554896	7826	2538	2420	4381096	4373	1331	1829	4437688	1571	518	216	4213160	1294	224	1216
38	4206984	21669	3234	2270	4203080	22202	1460	4690	4374640	13398	652	3227	4307648	2805	278	299	4636384	50764	2489	22703	4213104	3963	1306	1888	4202688	5118	514	1902	4202440	5874	217	2165
39	4637640	211468	3185	77675	4715800	3275	1432	1983	4213160	7881	612	2329	4208656	133210	277	10816	4206984	7968	2477	1008	4401576	2150	1274	820	4381248	3184	501	2115	4211632	4078	211	1141
40	4207704	10342	3012	1041	4212184	8336	1425	3567	4360800	1273	606	235	4381872	4966	275	2714	4208656	19691	2467	5238	4381872	7407	1271	2790	4719456	1773	499	1136	4635952	205378	209	73138
41	4497192	13459	2980	3475	4375200	6866	1406	899	4202688	10040	604	3669	4202232	46392	269	7754	4552960	33177	2417	3410	4213208	3862	1232	1784	4548656	3906	475	1894	4307648	2820	196	325
42	4206664	19401	2978	1948	4307672	2853	1395	269	4382224	5073	595	3578	4590616	7069	264	3579	4206664	12460	2279	2009	4497160	6202	1230	1502	4206344	1033	473	805	4206368	1036	189	727
43	4554896	76702	2960	6992	4213104	18468	1375	3301	4636200	457091	552	92227	4555608	45973	261	4081	4211864	18641	2259	3837	4202336	18494	1218	3688	4380760	891	472	216	4381872	7382	183	2822
44	4552960	53052	2959	5262	4213208	1700	1362	1512	4719456	3156	545	1977	4548656	14853	260	4338	4637640	57306	2220	34415	4372344	1395	1181	244	4594424	2301	470	901	4202232	21347	179	3805
45	4208728	280265	2816	11476	4307648	2801	1341	263	4211632	7183	500	1627	4213160	7804	260	2388	4584136	4780	2217	1151	4208096	15044	1179	2782	4382224	939	455	736	4719688	962	178	596
46	4553128	64674	2720	7891	4202336	112645	1338	7522	4594424	2650	482	1108	4202440	38134	259	5270	4637296	40362	2188	16026	4202440	5797	1179	2158	4386224	4224	413	2903	4437288	3503	175	3067
47	4199816	5101	2685	571	4413976	6941	1335	950	4380760	2364	477	564	4381096	16331	258	4562	4453096	5770	2161	1630	4506440	1986	1179	499	4208656	19539	377	4913	4434672	3370	174	3014
48	4200448	5116	2650	2421	4208656	132989	1317	10798	4437688	1334	476	193	4589328	5322	247	4051	4635432	85403	2136	38655	4376088	1245	1145	400	4488824	2047	368	489	4636824	27615	169	8739
49	4200064	36473	2644	9118	4202440	38192	1304	5198	4205464	16649	467	4575	4437288	9759	246	7459	4213208	3883	2114	1852	4400576	2855	1128	345	4497288	6350	362	1155	4548656	4034	166	1976
50	4637296	88507	2641	28066	4208096	32594	1232	4808	4554896	76070	459	6671	4212184	8503	240	3649	4635248	22627	2113	15387	4205464	3855	1074	2040	4402416	4430	355	1351	4208192	3650	153	1243
51	4636360	253831	2613	58668	4372344	2678	1207	483	4386224	7269	448	4265	4200064	36942	235	9148	4200200	9822	1997	4237	4393096	2935	1051	847	4205464	3787	344	1990	4556080	919	148	873
52	4621360	10768	2539	4171	4400576	3050	1182	399	4208656	133012	444	10875	4207648	60779	234	13265	4208096	14936	1984	2695	4213160	1326	1051	1251	4501144	2349	337	458	4553088	31733	147	5659
53	4453096	7557	2493	1725	4635952	568117	1154	111116	4553088	63862	444	9957	4381144	6488	228	2789	4553128	36494	1940	6145	4507752	2234	1025	713	4489624	709	331	643	4213696	5545	144	1560
54	4555608	46219	2396	4055	4506440	2360	1150	648	4497288	9979	439	3161	4590440	1523	228	1276	4202232	21337	1887	3932	4208656	19418	1006	4862	4554896	7678	329	2349	4381096	4301	132	1803
55	4635432	264663	2383	70878	4393096	4333	1132	1425	4212184	8331	437	3496	4556080	4103	225	3419	4202336	18695	1871	3815	4719456	1796	1005	1133	4595680	1395	307	586	4393040	2279	132	1161
56	4637192	226895	2361	79902	4203336	15578	1129	4174	4202976	19738	432	4554	4719688	2049	225	1219	4412776	3142	1845	642	4371488	1159	997	157	4435248	355	305	355	4213528	16336	131	3341
57	4584136	5486	2292	1482	4555608	45902	1104	4086	4202840	18552	431	4831	4208192	4909	219	1598	4381144	4144	1745	2124	4582368	4212	989	317	4477920	786	302	78	4590616	1578	129	1049
58	4635248	259316	2233	72777	4376088	3457	1102	792	4489624	1090	418	902	4379800	3768	213	1769	4208728	29829	1737	5576	4203080	3142	985	1599	4510728	653	299	136	4212184	9937	128	3997
59	4208096	32745	2233	4948	4548656	14947	1086	4299	4203080	22390	396	4758	4554896	76403	206	6919	4213696	5593	1695	1596	4393064	1587	980	346	4589328	2711	298	2467	4554896	7759	127	2336
60	4637104	225703	2205	79435	4507752	3911	1056	1037	4488824	2741	387	783	4203080	22401	200	4796	4589224	4242	1695	1075	4374480	1476	971	91	4393064	1610	295	347	4203080	3011	124	1540
61	4412776	5064	2184	1095	4555552	34975	1049	18706	4379800	3804	376	1784	4202016	6932	200	1878	4637192	103629	1658	50261	4502944	2575	968	765	4203336	3353	294	1788	4200064	17525	122	4396
62	4211632	7119	2147	1600	4213160	7795	1044	2284	4202440	37974	363	5220	4422424	16389	194	3341	4594424	2324	1586	940	4413952	5873	962	836	4506920	597	285	49	4713472	262	119	262
63	4212184	8155	2133	3621	4381248	18045	1030	6290	4435248	651	361	579	4202976	19754	186	4574	4393096	3011	1584	941	4483088	1968	934	383	4483088	1961	284	388	4555608	7294	118	1428
64	4202336	112575	2111	7755	4719456	3223	1021	1991	4203336	15781	357	4242	4202840	18514	179	4811	4636360	91884	1575	33712	4203336	3256	915	1718	4202736	1200	284	528	4208152	17920	116	3031

	Config 01	Config 03	Config 07	Config 09	Config 19	Config 21	Config 25	Config 27
Total L1 Misses	19820236	19794577	19822336	19815970	6819164	6777972	6783936	6786520
Total L2 Misses	799853	385203	135517	60297	642148	330207	106796	42813
Total EAs	10539	10541	10557	10551	10521	10522	10536	10536
Total EAs (Miss)	7430	7417	7505	7485	6497	6480	6557	6544
Total EAs (Hit)	3109	3124	3052	3066	4024	4042	3979	3992
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 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	4637008	114394	18901	15962	4715856	19774	15304	11349	4715184	16937	7285	10815	4715856	19748	3947	11799	4715856	20380	15615	10895	4715856	20419	15829	10920	4715184	17545	7282	10451	4715856	20449	3382	11511
2	4715856	19807	15204	11252	4715768	19483	15118	11812	4715768	19458	5751	12016	4715768	19478	2820	12115	4715768	20014	15351	11392	4715768	20088	15564	11322	4715768	20132	5404	11665	4715768	20133	2398	11726
3	4715768	19450	14912	11738	4715184	16672	10447	10393	4715856	19818	4950	11670	4715184	17247	2365	11006	4715184	17042	10440	10007	4715184	17065	10650	9938	4715856	20421	4984	11414	4715184	17857	2102	10627
4	4208600	71865	13473	11828	4637008	113528	7286	15467	4422496	9560	2623	2018	4621360	8002	1011	3563	4637008	14574	6979	5270	4637008	14512	5707	5196	4422496	8990	2124	1809	4621360	10643	945	3837
5	4635920	249374	12191	19731	4422496	9639	5173	1997	4715144	7470	2250	4988	4715144	7126	764	4933	4422424	6906	4649	1644	4422496	9066	5323	1837	4715144	7379	2081	4707	4715144	7062	604	4653
6	4635952	114795	11816	30899	4422424	9981	5019	2079	4584136	4976	1663	1190	4635920	247729	709	19387	4422496	9105	4648	1879	4422424	6805	4412	1571	4621360	10686	1406	3994	4213208	1169	583	1094
7	4637040	98181	11060	30098	4635920	247609	4012	19127	4635920	247610	1600	19385	4213208	1221	633	1112	4635920	11476	4241	4529	4635920	11571	3411	4506	4635920	11504	1113	4709	4206312	2922	548	2481
8	4715184	16485	10184	10376	4715144	7745	3260	4777	4553296	60349	1542	10338	4206312	3463	628	2837	4637528	5847	3373	2239	4715144	7860	3116	4569	4206312	2945	1103	2513	4589832	1045	545	934
9	4208152	44472	9952	5105	4206312	3416	3057	2834	4621360	8048	1417	3478	4637008	113111	611	15537	4201736	4950	3093	2308	4637528	5820	2925	2225	4212728	2117	1037	1744	4381832	2963	538	2483
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11	4636232	54150	5639	16815	4621360	8076	2682	3528	4212728	17428	1077	3038	4589832	1489	556	1212	4206312	3073	2904	2583	4621360	10717	2688	4166	4202336	1098	908	1018	4635920	11434	461	4633
12	4637528	24722	5623	9267	4201736	18191	2616	4522	4390976	2028	1029	314	4718608	3136	500	1905	4208600	6438	2603	1987	4201736	4940	2290	2236	4584136	2375	854	599	4637008	14498	450	5212
13	4635272	53635	5505	17664	4381832	5671	2551	4397	4637008	113330	987	15614	4201736	18138	490	4550	4621360	10708	2564	4151	4554896	3801	2130	1306	4589832	1065	790	932	4213104	1314	383	1254
14	4422424	10102	5387	2336	4553296	60700	2093	10459	4381832	5630	957	4332	4212728	17546	444	3123	4554896	3809	2203	1295	4381832	2961	2099	2461	4553296	2072	776	1671	4718608	2839	381	1595
15	4422496	9721	5203	2208	4554896	4226	1991	1607	4202336	13131	939	4009	4202688	4052	401	1859	4381832	3006	2201	2540	4497288	3405	1741	795	4381832	3013	773	2504	4212728	2106	377	1731
16	4553296	61009	5135	10703	4208152	44418	1843	4877	4715800	2742	890	1696	4307672	2681	385	295	4636824	4739	2101	2252	4212728	2068	1677	1726	4213104	1313	745	1259	4202688	568	355	527
17	4637224	46573	5028	16085	4208600	71714	1842	10862	4200200	10703	883	4785	4553296	60375	378	10396	4497288	3454	2099	828	4208152	3979	1671	1019	4213208	1162	735	1096	4307672	2783	354	306
18	4636824	28125	4076	7885	4212728	17442	1759	3074	4404624	4850	834	1429	4213104	1329	376	1262	4208152	3949	2044	1010	4636824	4772	1604	2207	4201736	4951	690	2357	4202336	1091	349	1011
19	4212728	17795	3768	3323	4718608	3171	1581	1891	4589832	1524	833	1257	4386224	1645	338	1136	4637040	7705	1942	5695	4718608	2955	1570	1690	4718608	2880	684	1645	4386224	1073	302	751
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22	4582368	12415	3317	1742	4553128	2442	1445	1514	4213104	1430	752	1359	4202336	12986	321	3822	4718608	2980	1563	1708	4715800	2752	1403	1527	4637008	14553	590	5280	4206344	648	255	468
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24	4634152	36152	3296	13527	4307648	2765	1377	274	4201736	18128	719	4576	4719456	1952	295	1297	4413976	3725	1461	622	4307672	2788	1381	261	4200200	807	545	772	4200200	790	251	769
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27	4636200	64317	3226	20793	4589224	4654	1328	1126	4213160	4937	577	1623	4206344	1283	286	925	4307672	2792	1383	253	4413976	3726	1246	590	4380760	880	469	193	4208600	6475	225	1990
28	4206664	17168	3177	1519	4413976	6794	1322	867	4202688	4085	557	1910	4719000	1823	267	1065	4715800	2752	1372	1530	4553296	2067	1171	1655	4381872	1219	447	938	4213160	1062	214	1024
29	4213584	7826	3148	1482	4200200	10637	1321	4705	4206344	1289	539	915	4382224	1243	262	944	4553296	2113	1286	1696	4400576	2436	1146	300	4719456	1790	444	1157	4589328	525	210	467
30	4208656	34372	2877	5258	4213104	1442	1318	1376	4635952	114085	538	30343	4715800	2753	229	1761	4213104	1256	1207	1206	4584136	2434	1123	616	4637040	7538	432	5523	4207648	1226	199	1025
31	4206984	12115	2867	1355	4715800	2740	1317	1645	4719456	1944	505	1306	4435248	392	226	363	4393096	2551	1197	704	4375200	1121	1116	264	4390976	1128	424	199	4489624	310	191	286
32	4634696	27115	2701	10920	4207648	22214	1247	7158	4553128	2504	501	1527	4589328	1084	222	966	4375200	1122	1117	277	4213208	1140	1110	1069	4548656	624	408	490	4382224	525	190	407
33	4552960	24077	2681	3482	4372344	1392	1171	204	4381872	2427	498	1405	4207648	22454	219	7263	4213208	1157	1113	1097	4372344	1305	1087	206	4589224	2290	405	554	4548656	613	186	499
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35	4621360	8080	2575	3546	4374768	1313	1131	263	4437688	832	480	114	4211632	3544	213	649	4372344	1297	1078	190	4202336	1107	1046	1030	4382224	586	392	453	4590440	496	179	466
36	4636384	24595	2528	9011	4497192	3594	1120	747	4380760	2001	471	367	4590440	565	196	517	4553128	1408	1077	896	4213160	1071	1010	1039	4635952	4286	382	3346	4307648	2767	172	289
37	4211864	14085	2316	4090	4506440	1888	1111	473	4381248	9634	469	3699	4202440	2948	191	1154	4393240	1897	1054	650	4719456	1805	1005	1146	4594424	2274	374	855	4435248	222	170	220
38	4637640	28084	2177	15318	4376088	1160	1093	339	4594424	2384	459	916	4553128	2433	190	1521	4635952	4206	1047	3303	4589224	2294	1002	545	4381248	518	356	472	4208656	1177	168	657
39	4584136	5007	2173	1161	4381096	1949	1077	1060	4401576	1551	452	648	4307648	2765	189	289	4400576	2438	1034	303	4374768	1182	995	216	4393064	1355	333	310	4202440	1495	163	945
40	4554896	4378	2079	1674	4381872	2474	1074	1502	4382224	1254	447	962	4381872	2470	181	1471	4202336	1095	1031	1034	4393096	2484	951	655	4404624	2125	329	516	4719688	1028	150	645
41	4635432	38989	2074	15495	4202440	2860	1051	1120	4636824	27697	444	7698	4208656	34061	178	4780	4208096	1576	1026	469	4381096	1633	945	890	4553128	1430	324	926	4381872	1100	141	874
42	4208728	21078	2067	5856	4402072	1407	1044	481	4208600	71674	437	10816	4636952	113861	177	30173	4374768	1205	1017	230	4202440	1487	909	923	4386224	1032	322	763	4556990	266	141	261
43	4202232	16288	2030	4462	4401576	1481	1033	564	4548656	695	384	560	4206368	1620	174	1146	4553088	1910	1013	804	4393064	1350	896	293	4636824	4736	318	2277	4213696	637	136	357
44	4637104	38647	2020	18048	4719456	1981	1032	1303	4488824	2166	360	515	4590616	3099	167	1887	4719456	1829	1009	1175	4207648	1162	893	999	4207648	1133	302	956	4553128	1414	133	897
45	4637296	19022	2017	6916	4497288	1464	986	654	4501144	1956	338	373	4719688	1153	158	744	4635272	4521	1002	3735	4380760	879	876	186	4575624	478	298	444	4206368	347	130	289
46	4637192	37948	2005	17480	4202336	12914	962	3786	4477920	751	338	70	4548656	720	158	586	4202440	1511	987	960	4506440	992	854	277	4208600	6508	287	1950	4437288	262	129	261
47	4497192	3640	2001	762	4213160	4887	958	1655	4636200	64035	334	20278	4636824	27675	154	7638	4213160	994	946	961	4376088	905	845	255	4477920	573	286	58	4636824	4762	119	2236
48	4412776	3380	1968	700	4371488	1071	926	119	4393064	1580	331	370	4556080	1003	154	863	4381096	1592	912	854	4381144	1149	815	819	4589328	527	279	462	4713472	262	119	262
49	4207704	5231	1961	366	4393064	1556	913	336	4386224	1613	317	1113	4213696	3134	148	939	4207648	1131	912	966	4371488	860	758	116	4488824	544	274	193	4393040	563	117	461
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51	4553128	2554	1848	1655	4553088	26792	907	5912	4554896	4229	309	1558	4381096	1982	144	1068	4381144	1155	860	835	4719000	1566	713	864	4437688	328	250	63	4381144	1218	109	854
52	4199816	3230	1846	339	4203336	1885	906	940	4595680	1671	307	690	4553088	26680	141	5850	4380760	877	857	175	4203336	913	695	591	4362784	562	246	163	4381200	1089	108	733
53	4636360	34559	1730	11917	4390976	1973	888	306	4360800	718	292	184	4203080	2775	129	1417	4376088	913	854	255	4386224	1057	677	750	4719000	1563	245	895	4213528	508	108	249
54	4202336	13141	1716	4057	4380760	1763	888	341	4637040	97601	291	29299	4213528	2321	126	1199	4207704	1184	851	113	4637040	7580	672	5549	4554896	3768	240	1283	4635952	4246	107	3309
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56	4213696	3174	1665	992	4497160	2712	849	926	4435248	410	287	385	4713472	306	124	303	4719000	1650	773	884	4208096	1574	669	458	4508968	291	218	37	4208152	3909	103	992
57	4207728	6048	1650	957	4381144	1111	823	852	4589224	4639	286	1130	4202232	16216	122	4143	4397984	1125	769	268	4591040	759	623	179	4435248	228	217	227	4381248	509	102	474
58	4718608	3176	1600	1893	4719000	1900	781	1065	4202736	1659	281	596	4437288	1490	121	1283	4381872	1157	765	915	4364552	648	623	282	4401576	606	211	193	4590616	737	100	547
59	4402704	2533	1600	787	4205464	1353	768	913	4402072	1426	279	515	4200200	13652	120	4751	4200200	826	757	799	4393240	1832	620	588	4213488	569	210	517	4208192	305	98	277
60	4200448	2774	1587	1461	4393096	1951	750	548	4208656	34233	275	4831	4718760	750	120	532	4371488	836	754	108	4213488	639	604	570	4307672	2787	204	318	4718760	535	91	372
61	4634192	27528	1568	11492	4203080	2822	742	1463	4589328	1099	268	983	4212184	3138	118	1699	4203336	843	753	536	4366424	683	585	335	4202440	1433	200	906	4213488	606	88	536
62	4635248	28383	1550	10277	4203184	1560	734	774	4483088	908	268	194	4393040	649	118	491	4634696	3223	737	2596	4390976	1124	583	209	4590616	748	200	578	4575624	459	88	423
63	4594424	2400	1550	892	4213696	3196	724	946	4635272	53678	267	17625	4422424	9995	111	2074	4390976	1148	717	222	4553088	1881	578	788	4208656	1161	198	643	4203080	356	88	246
64	4589224	4651	1542	1209	4213584	7625	704	1391	4489624	558	266	500	4379800	208	110	197	4386224	1091	716	794	4205464	721	569	490	4402416	1470	196	557	4379800	168	88	149
Total L1 Misses	4189933			Total L1 Misses	4151626			Total L1 Misses	4156073			Total L1 Misses	4149718			Total L1 Misses	541777			Total L1 Misses	539264			Total L1 Misses	539108			Total L1 Misses	537585		
Total L2 Misses	572550			Total L2 Misses	261762			Total L2 Misses	98409			Total L2 Misses	39540			Total L2 Misses	255408			Total L2 Misses	222705			Total L2 Misses	74791			Total L2 Misses	32374		
Total EAs	10512			Total EAs	10507			Total EAs	10531			Total EAs	10516			Total EAs	10509			Total EAs	10498			Total EAs	10529			Total EAs	10510		
Total EAs (Miss)	5472			Total EAs (Miss)	5460			Total EAs (Miss)	5529			Total EAs (Miss)	5474			Total EAs (Miss)	3542			Total EAs (Miss)	3543			Total EAs (Miss)	3558			Total EAs (Miss)	3549		
Total EAs (Hit)	5040			Total EAs (Hit)	5047			Total EAs (Hit)	5002			Total EAs (Hit)	5042			Total EAs (Hit)	6967			Total EAs (Hit)	6955			Total EAs (Hit)	6971			Total EAs (Hit)	6961		
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 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	4212824	127653	4335	337	4323504	1801	1152	1800	4323504	1816	1148	1816	4323504	1807	1152	1807	4323504	1840	1192	1840	4323504	1798	1170	1798	4323504	1791	1161	1791	4323504	1800	1166	1800
2	4228952	18000	3273	1487	4467216	479	369	479	4467216	504	373	504	4467216	511	371	511	4228952	7980	896	839	4467216	508	370	508	4467216	510	366	510	4467216	510	369	510
3	4372136	11392	1606	305	4229856	1617	317	1410	4467168	462	314	462	4467168	462	314	462	4381744	877	590	136	4467168	465	316	465	4467168	460	306	460	4467168	460	306	460
4	4323504	1805	1153	1805	4467168	454	311	454	4229856	1641	292	1476	4229856	1649	273	1460	4228936	7340	375	560	4229856	858	250	791	4229856	945	272	872	4229856	935	265	865
5	4381744	3629	590	272	4467104	188	186	188	4467136	932	174	932	4228872	428	171	299	4372136	1531	373	143	4467104	186	185	186	4467136	944	184	944	4467136	1001	167	1001
6	4371016	6829	581	336	4467136	826	172	826	4228872	415	168	322	4467136	988	161	988	4467216	523	366	523	4467136	816	163	816	4228872	536	143	296	4228872	478	136	321
7	4372424	4027	453	252	4228872	453	164	347	4467200	366	113	366	4467200	359	115	359	4229856	933	325	870	4248616	1043	161	1043	4467200	358	119	358	4467200	358	116	358
8	4229856	1755	394	1560	4248616	1063	158	1063	4467184	213	107	213	4467184	213	107	213	4371016	2055	323	151	4228952	8194	145	903	4228952	8304	106	908	4467184	204	104	204
9	4467216	488	373	488	4228952	18133	154	1618	4228952	18021	80	1575	4228952	17975	83	1494	4467168	463	312	463	4228872	547	143	315	4467184	203	104	203	4228952	8233	95	905
10	4467168	482	334	482	4467200	391	117	391	4228920	9278	64	3693	4228920	9485	73	3777	4372000	948	308	79	4381776	1528	118	701	4228856	484	60	291	4228856	441	76	317
11	4228920	9852	312	3886	4381776	9460	115	985	4467104	63	42	63	4381776	9209	38	983	4467104	182	179	182	4467200	361	115	361	4228920	1465	42	1126	4381776	1537	41	698
12	4372000	3062	242	174	4467184	210	105	210	4381776	9229	41	995	4381968	74	37	74	4467136	822	172	822	4467184	207	107	207	4381776	1508	40	689	4467152	36	32	36
13	4228872	520	186	351	4381760	10952	99	1045	4381760	10701	37	1062	4381760	10692	32	1047	4381776	1547	169	711	4381760	1897	104	715	4467104	64	40	64	4381760	1928	31	731
14	4467104	185	182	185	4376176	376	94	263	4381968	74	37	74	4385648	94	32	87	4248616	1045	164	1044	4376176	553	96	345	4381760	1903	36	732	4385648	100	31	89
15	4248616	1080	164	1079	4228920	8741	90	3600	4385648	88	29	81	4467152	36	26	36	4228872	452	158	318	4385424	424	78	262	4381968	69	31	69	4381968	69	31	69
16	4381776	9195	162	961	4370752	1563	85	710	4467152	38	26	38	4414584	36	22	36	4381760	1928	155	711	4228856	497	77	308	4467152	34	30	34	4229160	69	28	69
17	4381760	10697	155	1063	4385424	516	78	323	4248616	1067	22	1067	4324576	3425	20	167	4372424	1420	122	107	4370752	578	61	538	4385648	97	29	83	4228920	1604	26	930
18	4231752	831	153	94	4381968	74	37	74	4414584	36	22	36	4217656	134	19	82	4467200	345	119	345	4228920	1277	53	965	4229160	116	26	110	4414584	35	22	35
19	4467136	794	148	794	4372136	10548	33	272	4324576	3281	21	169	4228840	315	16	155	4231752	183	117	23	4229160	152	35	133	4248616	1034	24	1034	4324576	1794	20	137
20	4467200	382	113	382	4385648	94	30	84	4370752	1540	20	689	4370752	1539	15	701	4467184	207	107	207	4385648	103	33	88	4414584	35	22	35	4217656	127	18	77
21	4467184	210	105	210	4229160	573	23	334	4217656	133	19	82	4398512	15	15	15	4376176	544	85	335	4381968	69	31	69	4324576	1728	21	161	4398512	15	15	15
22	4376176	368	86	264	4217656	135	23	86	4229160	679	18	380	4228856	530	12	306	4385424	430	77	271	4324576	2088	27	167	4217656	131	19	77	4427440	21	13	21
23	4370752	1598	78	723	4467152	33	23	33	4228840	387	18	187	4418720	67	12	40	4228856	412	71	315	4467152	30	27	30	4427440	32	17	32	4418720	32	11	25
24	4385424	520	78	331	4324576	3353	22	179	4228856	480	16	320	4427440	49	11	43	4228920	1810	70	1107	4217656	128	23	80	4398512	15	15	15	4370688	27	10	27
25	4268552	185	55	35	4228840	378	22	177	4427440	43	15	40	4370688	66	10	66	4370752	558	69	527	4414584	35	22	35	4372000	855	11	74	4372136	1576	9	128
26	4284864	184	51	62	4414584	36	22	36	4398512	15	15	15	4385432	52	9	40	4268528	87	52	10	4381744	884	16	129	4370752	554	11	511	4372000	860	9	66
27	4228816	989	50	226	4228856	505	20	342	4372136	10638	11	269	4372000	4099	7	126	4268224	51	45	1	4398512	15	15	15	4228840	87	11	77	4385432	41	9	29
28	4284848	107	49	16	4381744	3623	17	262	4418720	75	11	46	4427456	11	7	10	4268544	52	42	8	4427440	23	14	23	4372136	1537	10	130	4228840	102	8	92
29	4268504	146	42	17	4230200	235	17	222	4385432	52	9	39	4372136	10279	6	257	4284864	42	35	14	4374720	1708	12	77	4418720	25	10	19	4248616	1033	7	1033
30	4374720	36472	37	489	4398512	15	15	15	4370688	52	8	50	4381744	3621	6	250	4229160	198	33	198	4418720	27	12	21	4385432	40	9	26	4381744	873	7	128
31	4381968	74	37	74	4418720	69	13	41	4372000	3850	7	126	4229160	533	6	301	4268504	40	32	10	4372136	1516	11	145	4370688	26	8	26	4427456	12	7	11
32	4385648	95	34	88	4370688	67	13	64	4381744	3623	6	252	4231792	38	6	31	4385648	99	31	87	4376280	77	11	58	4381744	874	7	128	4374720	1728	5	72
33	4221600	444	33	64	4427440	46	13	41	4232368	804	6	301	4374720	36450	5	408	4381968	69	31	69	4385432	41	11	28	4427456	7	6	7	4277992	717	5	33
34	4267536	72	27	62	4376280	51	12	40	4385552	11	6	11	4277992	8395	5	134	4374720	1695	27	63	4370688	28	11	26	4371016	1979	5	129	4217312	12	5	12
35	4467152	39	27	39	4385432	50	12	35	4374720	36439	5	417	4420840	39	5	28	4467152	31	27	31	4228840	71	8	68	4374720	1715	5	83	4255880	9	5	9
36	4217656	134	26	79	4370512	1590	9	127	4277992	8389	5	131	4217312	37	5	24	4275080	7845	23	109	4241032	11	8	11	4277992	715	5	31	4323176	7	5	7
37	4324576	3539	23	169	4420840	41	9	29	4420840	41	5	29	4255880	9	5	9	4324576	2102	23	168	4372424	1480	7	104	4420840	18	5	14	4371016	2033	4	129
38	4267544	119	23	26	4241032	11	8	11	4217312	36	5	26	4371016	6741	4	247	4217656	122	23	77	4372000	892	7	66	4407304	14	5	14	4370752	530	4	492
39	4284856	104	23	31	4372000	3902	7	121	4255880	9	5	9	4372424	3957	4	224	4284848	24	23	4	4277992	718	7	31	4217312	13	5	12	4217712	16	4	11
40	4228840	329	22	179	4231792	43	7	33	4427456	8	5	8	4370512	1328	4	121	4414584	35	22	35	4420840	15	7	11	4255880	9	5	9	4420840	16	4	11
41	4414584	36	22	36	4418928	37	7	19	4371016	6748	4	266	4479976	86	4	9	4427440	28	19	28	4370512	592	6	56	4385552	7	5	7	4323152	9	4	9
42	4268512	83	20	22	4267536	16	7	16	4370512	1307	4	119	4371872	42	4	30	4228840	109	18	96	4241048	20	6	20	4256104	8	4	8	4256104	8	4	8
43	4275080	16526	19	303	4432960	58	6	1	4231792	37	4	27	4407304	8	4	8	4398512	15	15	15	4432960	19	6	1	4323176	4	4	4	4385552	6	4	6
44	4275912	883	18	32	4216952	22	6	16	4256104	8	4	8	4256104	8	4	8	4268552	17	14	4	4217312	11	6	11	4370512	599	3	64	4372424	1410	3	92
45	4323176	20	17	19	4407304	14	6	14	4267536	5	4	5	4281696	3604	3	11	4268536	26	13	8	4216952	10	6	8	4324528	37	3	1	4370512	599	3	62
46	4370920	102	16	42	4427456	14	6	13	4323024	4	4	4	4248616	1066	3	1066	4268512	24	13	10	4371016	2013	5	125	4418928	19	3	11	4324528	37	3	1
47	4385432	53	15	38	4323024	6	6	6	4284592	6066	3	64	4372288	84	3	34	4323176	14	13	13	4466800	36	5	8	4439672	18	3	18	4439672	18	3	18
48	4427440	46	15	41	4374720	36442	5	418	4372424	3953	3	198	4421976	33	3	22	4385432	41	12	28	4421976	14	5	13	4217712	18	3	13	4421976	14	3	13
49	4398512	15	15	15	4277992	8397	5	133	4281696	3614	3	13	4216952	20	3	15	4370688	27	12	25	4407304	11	5	11	4407304	9	3	13	4407304	9	3	9
50	4370688	85	14	76	4372424	3932	5	219	4376176	374	3	262	4439672	19	3	19	4275536	3196	11	28	4370832	9	5	9	4216952	9	3	8	4216952	9	3	8
51	4228936	18346	13	1061	4370528	959	5	76	4479976	83	3	7	4217712	14	3	11	4228816	1897	11	125	4255880	9	5	9	4479976	8	3	6	4404104	8	3	1
52	4228856	515	13	334	4370640	284	5	133	4421976	33	3	23	4267536	12	3	12	4376280	84	10	62	4419552	8	5	1	4479728	8	3	8	4449896	6	3	6
53	4266352	59	12	30	4479976	83	5	7	4418928	28	3	14	4385552	9	3	7	4241048	20	10	20	4427456	6	5	6	4404104	8	3	1	4324760	525	2	44
54	4268496	53	11	11	4370784	56	5	45	4216952	22	3	15	4418480	9	3	9	4230200	100	9	100	4370528	98	4	40	4449896	6	3	6	4418016	148	2	1
55	4275904	1534	10	38	4466800	49	5	8	4439672	20	3	20	4404104	8	3	1	4418720	25	9	20	4371872	89	4	16	4329584	5	3	5	4371872	105	2	16
56	4275920	304	10	50	4217312	38	5	27	4217712	14	3	13	4449896	5	3	5	4266800	14	9	4	4230200	67	4	67	4323152	4	3	4	4370528	88	2	38
57	4268520	168	10	38	4421976	33	5	24	4404104	8	3	1	4228936	17473	2	1038	4420840	15	8	13	4419920	25	4	15	4323376	3	3	3	4281696	63	2	6
58	4221560	120	10	34	4241048	20	5	20	4449896	5	3	5	4284592	6104	2	58	4277992	713	7	32	4217712	17	4	12	4372424	1413	2	92	4466800	36	2	8
59	4418720	71	10	50	4419552	19	5	1	4212824	127444	2	328	4324528	2368	2	1	4466800	36	7	9	4418928	16	4	9	4324760	504	2	43	4418096	21	2	1
60	4420840	40	10	26	4323176	10	5	8	4228936	17381	2	1115	4284208	1605	2	117	4284856	12	7	5	4256104	8	4	8	4418016	218	2	1	4432960	18	2	1
61	4349168	20	10	6	4255880	9	5	9	4348064	4669	2	77	4228816	1102	2	236	4217312	12	7	11	4479976	7	4	5	4231752	201	2	24	4215680	17	2	2
62	4241048	20	10	20	4385552	8	5	8	4324528	2373	2	1	4370528	710	2	75	4370640	104	6	72	4329584	6	4	6	4370528	97	2	41	4418928	16	2	10
63	4230200	199	9	184	4371016	6710	4	257	4228816	1330	2	218	4284864	184	2	25	4230248	45	6	45	4420680	6	4	1	4371872	95	2	18	4419552	8	2	1
64	4372608	169	9	49	4381120	102	4	1	4370528	704	2	82	4418096	67	2	1	4268520	22	6	10	4381152	5	4	1	4281696	76	2	7	4479728	8	2	8
Total L1 Misses	635552			Total L1 Misses	632746			Total L1 Misses	631728			Total L1 Misses	630132			Total L1 Misses	66584			Total L1 Misses	66011			Total L1 Misses	65803			Total L1 Misses	66290		
Total L2 Misses	16708			Total L2 Misses	4583			Total L2 Misses	3572			Total L2 Misses	3450			Total L2 Misses	8014			Total L2 Misses	4434			Total L2 Misses	3559			Total L2 Misses	3435		
Total EAs	2481			Total EAs	2481			Total EAs	2473			Total EAs	2486			Total EAs	2451			Total EAs	2452			Total EAs	2446			Total EAs	2448		
Total EAs (Miss)	786			Total EAs (Miss)	784			Total EAs (Miss)	785			Total EAs (Miss)	792			Total EAs (Miss)	489			Total EAs (Miss)	465			Total EAs (Miss)	482			Total EAs (Miss)	488		
Total EAs (Hit)	1695			Total EAs (Hit)	1697			Total EAs (Hit)	1688			Total EAs (Hit)	1694			Total EAs (Hit)	1962			Total EAs (Hit)	1987			Total EAs (Hit)	1964			Total EAs (Hit)	1960		
Only 1 EA	0			Only 1 EA	3			Only 1 EA	2			Only 1 EA	3			Only 1 EA	1			Only 1 EA	4			Only 1 EA	3			Only 1 EA	6		
Only 2 EA	0			Only 2 EA	3			Only 2 EA	2			Only 2 EA	3			Only 2 EA	1			Only 2 EA	4			Only 2 EA	3			Only 2 EA	7		
Only 3 EA	0			Only 3 EA	3			Only 3 EA	2			Only 3 EA	3			Only 3 EA	1			Only 3 EA	4			Only 3 EA	4			Only 3 EA	7		
Only 4 EA	0			Only 4 EA	3			Only 4 EA	3			Only 4 EA	3			Only 4 EA	4			Only 4 EA	4			Only 4 EA	6			Only 4 EA	7		

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	4228952	9313	3598	639	4323504	1744	1152	1744	4323504	1729	1138	1729	4323504	1739	1144	1739	4323504	1747	1166	1747	4323504	1746	1162	1746	4323504	1747	1161	1747	4323504	1799	1189	1799
2	4372136	2735	1165	114	4467216	484	365	484	4467216	497	366	497	4467216	487	365	487	4467216	521	362	521	4467216	516	360	516	4467216	521	360	521	4467216	525	360	525
3	4323504	1734	1152	1734	4467168	451	310	451	4467168	459	321	459	4467168	459	321	459	4467168	454	316	454	4467168	450	313	450	4467168	472	333	472	4467168	472	333	472
4	4372424	3004	826	101	4229856	825	304	764	4229856	873	299	801	4229856	809	266	722	4229856	593	301	570	4229856	633	298	616	4229856	594	276	570	4229856	590	261	567
5	4371016	3299	582	108	4467104	187	185	187	4467136	945	176	945	4467136	1005	162	1005	4467104	184	181	184	4467104	187	185	187	4467136	935	159	935	4228872	283	153	280
6	4275192	1673	497	16	4467136	829	175	829	4467200	374	120	374	4228872	660	140	248	4228952	1315	170	466	4467136	826	168	826	4228872	276	154	267	4467136	990	147	990
7	4229856	1024	415	950	4228872	651	142	268	4228872	636	106	238	4467200	384	121	384	4467136	825	167	825	4381776	310	158	232	4467200	350	126	350	4467200	346	126	346
8	4467216	500	369	500	4228952	9986	138	652	4467184	208	104	208	4467184	208	104	208	4381776	307	155	231	4381760	302	146	258	4228952	1332	107	475	4467184	209	106	209
9	4231752	405	315	38	4381776	2120	127	478	4228952	9977	92	630	4228952	9832	87	642	4381760	299	151	258	4228872	268	144	263	4467184	209	106	209	4228952	1336	99	480
10	4467168	445	308	445	4467200	385	121	385	4228920	1252	82	994	4228856	668	56	252	4228872	276	150	272	4228952	1394	128	517	4228856	275	79	264	4228856	281	74	276
11	4467136	838	183	838	4381760	2297	114	510	4228856	646	61	244	4228920	1188	41	885	4248616	935	129	935	4467200	355	127	355	4381776	321	40	241	4381776	317	40	237
12	4467104	184	181	184	4248616	804	112	804	4467104	64	41	64	4381776	2132	38	469	4467200	350	125	350	4248616	937	115	937	4467104	59	40	59	4229160	80	35	80
13	4381776	2137	161	484	4467184	208	103	208	4381776	2124	40	454	4385648	81	33	80	4228936	572	107	270	4467184	208	105	208	4381760	303	35	254	4385648	82	33	81
14	4381760	2292	154	513	4376176	191	90	182	4381760	2296	36	511	4381968	69	31	69	4467184	208	105	208	4376176	188	95	181	4385648	79	32	78	4381968	69	31	69
15	4248616	797	125	797	4370752	694	89	524	4385648	81	34	80	4381760	2298	30	524	4376176	185	86	181	4228856	261	82	256	4381968	69	31	69	4381760	306	30	255
16	4467200	371	117	371	4385424	374	78	269	4381968	69	31	69	4229160	106	24	102	4228856	271	85	265	4385424	157	78	153	4467152	26	23	26	4467152	26	23	26
17	4467184	208	104	208	4228856	654	77	270	4414584	35	22	35	4414584	35	22	35	4385424	157	78	153	4370752	421	69	417	4414584	35	22	35	4414584	35	22	35
18	4228872	650	103	232	4228920	1168	39	911	4324576	916	21	114	4467152	25	21	25	4372136	408	75	50	4385648	82	35	81	4248616	936	19	936	4324576	69	18	57
19	4370752	696	89	533	4385648	80	33	79	4467152	26	21	26	4324576	900	20	117	4370752	414	72	410	4381968	69	31	69	4324576	67	18	56	4217656	49	18	46
20	4376176	184	86	179	4381968	69	31	69	4217656	46	19	45	4217656	46	18	44	4372000	330	47	31	4467152	30	26	30	4217656	46	17	41	4398512	15	15	15
21	4284856	176	79	24	4374720	101	30	38	4370752	708	18	539	4228840	56	16	53	4228920	524	41	483	4324576	66	25	57	4398512	15	15	15	4427440	18	13	18
22	4385424	373	77	251	4324576	895	25	125	4248616	795	15	795	4398512	15	15	15	4385648	81	35	81	4217656	47	23	46	4228920	485	14	438	4372000	317	12	33
23	4228856	650	73	226	4467152	27	24	27	4398512	15	15	15	4370752	708	13	544	4381968	69	31	69	4381744	43	23	37	4370752	413	12	406	4418720	14	12	14
24	4284864	93	68	27	4217656	48	23	45	4427440	29	12	28	4418720	39	13	27	4324576	65	30	56	4414584	35	22	35	4418720	15	12	15	4228920	503	11	452
25	4228920	1135	63	871	4414584	35	22	35	4418720	33	11	26	4427440	26	12	24	4467152	30	27	30	4228920	469	21	416	4229160	37	11	37	4370752	422	9	415
26	4372288	75	62	16	4381744	609	20	79	4372136	2819	10	115	4372000	147	10	42	4381744	43	24	38	4372136	426	18	61	4427440	15	11	15	4385432	19	9	17
27	4268512	92	49	16	4228840	72	18	63	4385432	45	9	33	4372136	2753	9	106	4371016	146	22	14	4418720	19	17	19	4372136	403	10	51	4372136	428	8	48
28	4268504	105	46	12	4376280	28	17	28	4381744	607	6	77	4230200	71	9	70	4217656	47	22	44	4398512	15	15	15	4372000	340	9	25	4228840	53	7	52
29	4284848	75	43	5	4398512	15	15	15	4372000	118	6	39	4385432	45	9	31	4414584	35	22	35	4376280	27	12	26	4385432	18	9	16	4381744	43	7	37
30	4212824	237	41	66	4372424	2989	12	103	4228840	57	6	55	4381744	608	6	79	4229160	40	17	40	4385432	19	12	17	4228840	48	8	46	4248616	937	6	937
31	4372000	64	41	33	4385432	47	12	31	4277992	5248	5	56	4277992	5267	5	57	4275080	80	15	11	4229160	29	10	29	4381744	43	7	37	4427456	7	6	7
32	4385648	78	35	77	4418720	36	12	25	4374720	102	5	37	4374720	103	5	41	4372424	42	15	22	4427440	13	10	13	4374720	57	5	14	4374720	56	5	14
33	4267544	35	34	6	4427440	26	12	24	4420840	40	5	30	4217312	35	5	22	4398512	15	15	15	4374720	60	9	15	4371872	13	5	8	4255880	9	5	9
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35	4374720	106	30	43	4420840	38	10	28	4371872	21	5	12	4427456	6	5	6	4427440	14	13	14	4372000	323	7	21	4255880	9	5	9	4370688	9	5	9
36	4268496	92	30	15	4212824	240	9	70	4255880	9	5	9	4371016	3506	4	85	4418720	14	13	14	4241048	20	7	20	4277992	9	5	9	4371016	148	4	15
37	4324576	897	25	114	4372000	154	9	49	4427456	6	5	6	4248616	798	4	798	4241048	20	10	20	4241032	11	7	11	4217312	8	5	8	4256104	8	4	8
38	4381744	608	25	76	4370512	208	8	57	4371016	3511	4	92	4370528	184	4	41	4385432	19	10	17	4420840	10	7	6	4371016	142	4	14	4216952	7	4	5
39	4275080	3775	23	90	4229160	67	8	64	4370528	80	4	37	4420840	38	4	28	4374720	54	9	15	4432960	7	7	1	4256104	8	4	8	4217712	7	4	7
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63	4228728	1077	7	13	4232368	191	4	84	4231752	417	2	36	4407304	10	2	9	4381152	6	5	1	4324528	6	4	1	4281696	6	2	6	4407304	4	2	4
64	4231800	216	7	23	4419096	43	4	1	4324528	155	2	1	4348464	8	2	5	4427456	5	5	5	4439672	6	4	6	4418096	6	2	1	4255360	3	2	3
Total L1 Misses	134185			Total L1 Misses	135095			Total L1 Misses	135647			Total L1 Misses	134513			Total L1 Misses	12986			Total L1 Misses	13111			Total L1 Misses	12982			Total L1 Misses	13130		
Total L2 Misses	12133			Total L2 Misses	4491			Total L2 Misses	3512			Total L2 Misses	3398			Total L2 Misses	4862			Total L2 Misses	4468			Total L2 Misses	3515			Total L2 Misses	3442		
Total EAs	2477			Total EAs	2473			Total EAs	2464			Total EAs	2461			Total EAs	2447			Total EAs	2433			Total EAs	2435			Total EAs	2435		
Total EAs (Miss)	574			Total EAs (Miss)	574			Total EAs (Miss)	572			Total EAs (Miss)	580			Total EAs (Miss)	338			Total EAs (Miss)	346			Total EAs (Miss)	340			Total EAs (Miss)	345		
Total EAs (Hit)	1903			Total EAs (Hit)	1899			Total EAs (Hit)	1892			Total EAs (Hit)	1881			Total EAs (Hit)	2109			Total EAs (Hit)	2087			Total EAs (Hit)	2095			Total EAs (Hit)	2090		
Only 1 EA	1			Only 1 EA	2			Only 1 EA	2			Only 1 EA	5			Only 1 EA	4			Only 1 EA	5			Only 1 EA	4			Only 1 EA	7		
Only 2 EA	1			Only 2 EA	2			Only 2 EA	2			Only 2 EA	5			Only 2 EA	4			Only 2 EA	5			Only 2 EA	4			Only 2 EA	7		
Only 3 EA	1			Only 3 EA	2			Only 3 EA	4			Only 3 EA	5			Only 3 EA	4			Only 3 EA	5			Only 3 EA	4			Only 3 EA	8		
Only 4 EA	1			Only 4 EA	2			Only 4 EA	5			Only 4 EA	6			Only 4 EA	4			Only 4 EA	5			Only 4 EA	5			Only 4 EA	12		

	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	5098824	263330	45593	89446	6327040	231753	28435	16414	5047880	39169	13334	812	5511416	18616	9470	16861	5098824	251916	44134	78608	6327040	269533	26206	15354	5047880	33320	12865	502	5511416	9865	7663	9729
2	6327040	228376	28885	16316	5098824	263126	22300	88477	5511416	18707	9558	16873	6056872	32926	6544	31184	6327040	265530	27718	15303	5694136	61519	22648	51557	5511416	10082	7777	9922	6056872	31923	6451	30250
3	5099120	85913	23276	73507	5099120	86256	22218	73424	6056872	32812	6599	31139	5095512	17896	4014	17454	4195664	61168	22821	6216	5098824	251639	22142	78348	6056872	32079	6908	30434	5095512	17650	4092	17156
4	5070064	80423	21946	72948	5694136	63678	21904	54628	5095512	18165	5449	17690	4196168	39736	2933	5406	5099120	65572	22671	57639	5099120	65486	22026	57425	5098824	250993	4858	76581	4196168	42312	2944	5325
5	4195664	52043	21850	6697	5070064	80054	21856	72536	5098824	262411	4745	86424	4196136	62604	2909	7789	5070064	77020	22324	69932	5070064	76942	21989	69666	5095512	17430	4634	16958	4196136	55434	2918	6775
6	5694136	64058	21306	55198	5242640	54768	18389	47296	4196168	39328	4477	5389	6108576	20671	2421	4690	5694136	61431	21679	51444	5242640	55035	18342	47710	4196168	42443	4198	5424	5070064	82914	2258	74813
7	4196464	70792	20634	9777	6056872	32739	18304	31068	5078248	50096	4183	39865	5070072	86281	2253	77978	6326992	347487	20427	12845	6056872	31786	18151	30087	4196136	55627	4056	6978	5078248	38633	2171	31901
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9	6056872	32797	19304	31179	4196136	63579	17109	8800	5048664	24516	3873	561	5070072	93048	2040	76911	6056872	32014	19442	30389	4212496	57640	17121	6210	5048664	14884	3411	369	4496184	6022	2016	3340
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11	5098808	137125	16994	43790	5252480	51344	16855	45024	4296792	21623	3373	4350	4196960	59885	1854	5057	4196168	42763	17348	5963	5252480	51744	16787	45654	4229264	24920	3148	1844	4296792	22028	1831	3595
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14	4196168	39759	16815	6017	5245080	47994	16014	38995	4212528	35503	3018	4594	5511544	3373	1817	2548	5098808	128010	16472	35805	5245080	43209	16042	34989	4212528	40051	2790	4506	4196464	45788	1664	6517
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16	5998744	34769	16452	33508	5241824	50721	15225	42806	5078176	36309	2965	29706	4496088	9486	1750	4665	5252480	51553	15636	45451	5241824	50724	15196	42619	5998744	28026	2702	27142	5078176	28406	1582	24088
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21	5078248	50182	14593	40403	5078248	50278	13606	40324	4195664	51088	2489	5912	5524688	17637	1563	17340	5099200	43785	14971	36953	5078160	70292	13401	64595	5965032	32958	2311	16956	4496120	7310	1516	3101
22	5241592	37552	14592	32965	5078160	83927	13498	75691	5063728	13221	2461	360	5694832	18729	1538	11851	5302904	43517	14827	11823	5277400	34322	13192	31679	4496184	5962	2297	3304	4230080	2991	1484	2991
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26	5286224	62158	14208	35586	6327024	129051	12339	9543	4496184	6158	2218	3482	4230536	10165	1460	2452	5078248	38791	14076	32355	6327008	99084	12713	8625	5524688	16965	2184	16720	4230536	10530	1385	2272
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29	4196136	63506	13847	8860	4196464	70665	11903	9757	6016088	41265	2109	21924	5095792	21922	1379	18629	5078160	70190	13483	64456	4196168	42857	11941	5900	5302904	43699	2063	11221	5095584	7160	1331	7128
30	5078160	84319	13605	75924	5070016	57284	11629	53723	5694136	65139	2102	55877	4212496	75023	1372	6399	5277400	34223	13173	31433	4195664	61844	10811	6424	4496120	7391	2046	3190	6056864	10832	1325	10269
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38	5383488	27418	12323	24843	5524688	17725	9550	17412	4496120	7564	1888	3253	5095584	7868	1282	7823	5383632	38057	11759	32792	5383632	38049	9200	33047	5099176	51774	1796	45700	4642552	7000	1210	5816
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42	5383632	37753	11400	32652	5302904	74879	8647	22923	5524104	24342	1827	22085	5684848	11164	1252	1966	5965032	32552	10207	16881	5965032	32948	8330	17114	5070016	59669	1745	55700	5074736	15207	1048	13612
43	5303296	47001	10857	1286	5707160	18176	8523	18098	4496088	9564	1825	4645	6016600	8098	1166	7926	5388360	57853	10169	29707	5524296	21957	8141	21346	4196960	45066	1736	4377	5355296	7315	1034	1381
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46	5084936	44913	10502	2270	5241632	28724	8166	24923	4212400	67748	1742	3302	5695800	1590	1075	1443	5084936	31590	10153	1523	6064832	21224	7932	20046	5694832	7612	1670	5383	6299056	1960	963	1376
47	5292024	123486	10349	52423	6064832	21088	8042	20011	5355296	13671	1737	2226	5686248	17054	1072	16521	5286224	45571	9942	26872	5511416	9706	7872	9544	6327040	284450	1663	14126	5499624	19198	952	15047
48	5524104	24333	10234	22123	5098808	137146	7682	43128	5099720	10890	1706	10407	5499624	149813	1069	99782	5353144	10910	9835	1	5098808	128628	7696	35651	5707160	18109	1613	18028	5078160	69203	945	63476
49	5511416	18519	10039	16771	5383640	38198	7497	32000	4196608	11277	1700	2440	5524104	24338	1068	22093	5524688	16899	9759	16654	6063440	20383	7408	20251	4196608	9905	1578	2331	4196608	9708	933	2212
50	5388360	59304	10037	31500	6063440	20683	7457	20549	5277400	37673	1679	34596	5241592	36304	1037	31691	5098896	15701	9452	15158	5263152	45599	7348	34021	4230536	10626	1577	2403	4212400	22244	920	1731
51	5242152	35197	9419	32930	5263152	56294	7374	39416	5302904	74654	1627	22470	5078160	92755	1031	74515	5242152	32709	9347	30399	5383640	37333	7260	31342	5383488	25695	1569	23502	4231056	5100	915	2913
52	5524688	17670	9282	17374	5503768	27566	6994	26281	5694832	18884	1623	11854	4196608	11158	1027	2413	5383640	37504	8674	31189	5503768	26870	7071	25237	6115776	8142	1569	226	4196504	35328	910	2824
53	5048664	25161	9210	550	5498320	16113	6989	15999	5099176	64458	1621	54888	4196504	51920	983	4096	5303112	21424	8524	6766	5498320	15505	6868	15372	5383632	38666	1566	33923	5098896	15663	909	15029
54	5098896	16386	9087	15825	6067816	20056	6800	19949	5070016	61923	1621	57972	5695000	2266	980	1568	4229264	26979	8509	2355	6067816	20226	6805	20128	5098896	15571	1532	14942	5084560	11431	909	1379
55	4195888	28736	8899	2673	5084560	18889	6587	2786	5078160	83277	1619	75111	6299056	2060	974	1452	5707160	18058	8436	17984	5098880	13248	6408	12611	4212400	22200	1529	1768	5079376	23803	904	17840
56	4229264	26225	8851	2448	5098880	16610	6520	15675	5098808	135366	1599	40690	5511224	23725	965	14475	5524296	21949	8303	21338	5499624	19236	6391	14878	5686248	16972	1522	16480	5099200	43817	902	36753
57	5071424	55520	8736	30530	5499624	148589	6443	99837	5084560	18295	1588	2428	5079376	40886	960	26786	5241632	28839	8187	24973	4196960	45635	6278	4842	5499624	19197	1508	15151	5070016	59922	889	55919
58	5383640	38190	8693	31794	5686248	17158	6251	16377	6115776	8134	1584	266	5065976	1231	934	1093	5966176	61745	8019	32428	5499552	18874	6230	14252	4230080	2977	1480	2825	5047824	10850	884	9512
59	5965280	31447	8548	17092	5499552	164726	6241	118865	5511640	3622	1521	1912	4231056	5233	926	3022	6064832	21229	7929	20074	5686248	17018	6199	16290	6016600	7507	1450	7264	5524104	24663	883	22411
60	5707160	18178	8505	18094	4196960	60603	6241	5656	6327040	247356	1506	15432	5098896	16369	919	15709	5048664	15278	7925	364	5393088	20011	6179	19690	5511640	2133	1449	1550	5682976	13009	864	12181
61	5303112	37773	8484	11898	5393088	19760	6190	19480	4230080	6795	1506	6793	5070016	61940	911	57664	5047320	44683	7895	1878	5832376	17658	6179	17430	5385808	46070	1423	37578	4296704	12594	861	1862
62	5524296	22527	8367	21863	5965280	31467	6153	17222	5383640	38402	1448	32565	5099200	51444	899	42231	4230536	10721	7880	2471	5965280	30749	6112	16629	4642552	6937	1421	5707	5098824	250962	854	75635
63	5241632	28748	8182	25015	4230536	10358	6152	2617	4230536	10263	1443	2501	5745456	1707	896	1580	5965280	30875	7860	16526	5730200	14337	6100	14164	5630512	14568	1414	463	5745456	1001	852	992
64	6064832	21094	8029	20029	5730200	14386	6111	14247	5686248	17060	1379	16505	4212400	67494	890	3180	5263152	45982	7822	34349	5392464	20189	6077	20011	6108576	6274	1367	1981	5707160	18103	833	18038

Total L1 Misses	23448504			Total L1 Misses	23387196			Total L1 Misses	23233503			Total L1 Misses	23203466			Total L1 Misses	12461114			Total L1 Misses	12426500			Total L1 Misses	12318705			Total L1 Misses	12289793		
Total L2 Misses	2967888			Total L2 Misses	2195966			Total L2 Misses	527327			Total L2 Misses	315681			Total L2 Misses	2771073			Total L2 Misses	2156044			Total L2 Misses	496169			Total L2 Misses	293426		
Total EAs	38193			Total EAs	38020			Total EAs	37972			Total EAs	37896			Total EAs	37826			Total EAs	37749			Total EAs	37564			Total EAs	37385		
Total EAs (Miss)	27519			Total EAs (Miss)	27377			Total EAs (Miss)	27336			Total EAs (Miss)	27282			Total EAs (Miss)	17392			Total EAs (Miss)	17311			Total EAs (Miss)	16987			Total EAs (Miss)	16709		
Total EAs (Hit)	10674			Total EAs (Hit)	10643			Total EAs (Hit)	10636			Total EAs (Hit)	10614			Total EAs (Hit)	20434			Total EAs (Hit)	20438			Total EAs (Hit)	20577			Total EAs (Hit)	20676		
Only 1 EA	1			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	1			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	1			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	1			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0		
Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0		
Only 4 EA	1			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	1			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0		

	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	5098824	144678	40063	47935	5694136	44392	21741	37240	5047880	18181	8478	472	5511416	11203	7983	10807
2	5099120	47382	21950	41486	5099120	47533	21455	41686	5511416	11088	7985	10712	6056872	28159	6501	26867
3	5070064	55993	21408	51646	5070064	55702	21317	51308	6056872	28219	6504	26890	5095512	14917	3786	14562
4	5694136	44384	20932	37134	5098824	144109	21034	47597	5095512	14870	4768	14495	4196168	16733	3121	3339
5	6327040	92471	20422	12733	5242640	38235	17958	32725	5098824	143636	4469	46086	4196136	18837	2964	4209
6	6056872	28154	18841	26916	6056872	28073	17922	26812	4196168	16753	4396	3487	5070064	61317	2191	56237
7	5242640	38148	16693	32739	5252480	35061	16472	30667	5078248	31957	4038	26331	5078248	31951	2047	26201
8	5070072	65443	16517	55750	5070072	65334	16230	55711	4196136	18895	3794	4392	5070072	65336	2038	55588
9	6326992	126574	16008	9886	5245080	30561	15796	24639	5070064	60913	3203	55961	4496184	4513	1981	2814
10	6327008	69667	15698	7292	5385808	31694	15430	25856	4296792	12729	2989	3820	4196960	15826	1977	3184
11	5252480	35096	15536	30784	5998744	24655	15213	23805	5965032	23406	2921	11688	5099720	9092	1853	8830
12	5098808	73429	15488	22314	6327040	94827	15151	12847	5070072	65429	2915	55731	4296792	12736	1829	3410
13	5245080	30544	15085	24670	5241592	27693	14460	24274	5078176	23808	2900	20220	4496088	6576	1781	3736
14	5099200	31778	14640	27166	5241824	33698	14447	28109	4212528	11891	2900	2619	4195664	12549	1731	2876
15	5998744	24349	14583	23434	5099200	31672	14298	26894	5099120	47229	2786	41370	4196464	15317	1674	3763
16	5385808	31699	14501	25702	5099176	38976	13674	34562	5303560	26698	2510	1971	5694832	7246	1645	5246
17	5241592	27675	13968	24380	6326992	128576	13475	9939	4229264	11815	2440	1285	5078176	23822	1625	20157
18	5099176	39002	13831	34418	4212496	28274	13277	4275	5998744	19692	2407	19450	5998744	19692	1605	19148
19	5241824	33724	13652	28256	5078160	52233	13049	48079	4195664	12522	2249	2913	5498320	12424	1583	12351
20	5047880	18325	13636	505	5078248	32254	12583	26834	5498320	12292	2163	12210	5524688	13397	1580	13273
21	5302904	34968	13397	10055	5099464	24741	12553	20663	5048664	7897	2158	397	4496120	5071	1526	2505
22	5078248	31996	13353	26624	5277400	22743	11803	21180	5524688	13464	2151	13337	5303560	26669	1487	1957
23	5078160	52368	13133	48251	6327008	64925	11362	7470	4496184	4518	2150	2825	4230080	3794	1467	3794
24	5099464	24633	12161	20758	5070016	39693	11328	37662	5503768	20042	2114	19034	4230536	4828	1430	1738
25	5277400	22688	11602	21029	5095512	15052	11091	14677	5965280	21190	2079	11222	4212528	11790	1428	2527
26	5070016	39992	11595	37899	4196136	19118	10520	4769	5694136	46051	2051	38016	4212496	27739	1407	3571
27	4196464	15788	11247	4197	5524104	18365	10092	16941	4212496	27955	1995	3634	6108576	6964	1343	1910
28	5095512	14997	10877	14647	5242152	23804	9759	22088	4196464	15471	1939	3837	6327040	100897	1332	12325
29	6327024	53215	10811	7969	5078176	24299	9160	21012	5099200	31884	1918	27244	5095792	14893	1317	13502
30	5965032	23115	10692	11635	6327024	52823	8747	8273	6016088	20155	1892	12313	5511640	2487	1288	1489
31	5303560	26997	10690	2144	4196464	15734	8657	4253	5095792	14886	1834	13500	5694136	46309	1281	38299
32	4196168	16810	10127	3696	5524688	13360	8627	13220	5063728	6638	1822	250	6056864	9412	1281	8992
33	5524104	18356	9976	16961	5383488	16400	8549	15197	4496088	6563	1819	3738	5095584	5842	1268	5819
34	5383488	16653	9945	15475	5707160	14219	8513	14183	4196960	15876	1809	3216	5099120	47388	1248	41490
35	4212496	28308	9816	4248	4196168	16770	8484	3694	4496120	5176	1809	2514	6016600	6782	1248	6605
36	5383632	22714	9459	20249	5511416	11075	8317	10687	5694832	7247	1773	5335	5503768	19919	1242	18889
37	5078176	24161	9432	20742	5524296	16009	8300	15694	5241592	26444	1771	23211	5729648	7570	1218	7550
38	5242152	24040	9379	22375	5383632	22869	8086	20430	4212400	7312	1755	1140	6016088	20165	1217	12309
39	4195664	12728	9242	3216	6064832	15429	7972	14975	5099720	9024	1724	8785	5684848	5441	1189	1285
40	4196136	19106	9142	4752	5965032	23297	7911	11635	5095584	5926	1722	5907	4642552	6724	1156	5738
41	5388288	29767	8984	14004	5303560	26918	7894	2191	4196608	4081	1701	1593	5511544	1652	1134	1369
42	5286224	24360	8592	14704	5241632	20713	7889	18005	5383632	23085	1685	20890	5074736	14881	1077	12530
43	5524688	13380	8478	13225	5098896	12115	7876	11826	5098896	11989	1655	11674	5686248	12287	1059	11937
44	5707160	14175	8379	14132	5098808	73861	7635	22007	4642552	6683	1629	5510	4196608	3995	1022	1566
45	5966176	37943	8295	18740	4195664	12818	7502	3322	5070016	43840	1624	41372	5241592	26296	1000	23066
46	5524296	16008	8280	15696	5263152	36218	7363	27056	5383488	15132	1623	14163	4196504	5993	981	1617
47	5388360	32806	8126	16411	6063440	14598	7331	14552	5524104	18361	1606	16939	5499624	52379	937	38066
48	6064832	15439	7941	15005	5503768	20027	7279	19040	4296704	8447	1591	2125	4212400	7306	932	1154
49	5098896	12197	7937	11891	5498320	12092	6973	12027	5099176	39177	1583	34687	6299056	1841	921	1315
50	4296792	12721	7903	3846	6067816	13470	6706	13431	5098808	73097	1529	20788	4231056	2878	918	1804
51	5965280	21094	7898	11162	4296792	12683	6665	3981	5277400	22202	1502	20841	5079376	21725	917	15719
52	5241632	20758	7881	18108	5302904	35083	6629	9912	6108576	7065	1501	2005	5084560	6590	917	1294
53	5263152	36721	7864	27477	5383640	23478	6560	20362	5078160	51396	1490	47286	5682976	10503	912	9879
54	5353144	8434	7723	1	5499624	52435	6306	37361	4230080	3780	1464	3780	5078160	51251	890	47111
55	5511416	10421	7692	10077	5686248	12331	6214	11731	6327040	100879	1441	12427	5524104	18367	887	16932
56	5303112	19157	7618	5073	5393088	13721	6203	13589	4230536	5024	1434	1841	5352296	4940	887	1137
57	4195888	20952	7613	1947	4212528	12336	6197	3022	6016600	6714	1432	6548	5070016	43909	882	41441
58	5503768	19828	7572	18823	5832376	13662	6160	13533	4492400	6694	1432	598	5099200	31919	880	27074
59	5383640	23613	7516	20399	5099208	21907	6071	16686	5511640	2448	1388	1581	5047824	9070	868	7431
60	4212528	12288	7453	3034	5730200	10998	6021	10905	6104984	41734	1346	965	5695000	1438	864	1146
61	6063440	14590	7378	14537	5415560	13309	6014	13172	5686248	12307	1330	11963	4296704	8448	860	1780
62	5084936	16492	7054	1491	5392464	13196	6012	13140	5383640	23414	1311	20733	5098896	12084	847	11762
63	5498320	12057	7000	11974	5499552	52152	5988	37686	6056864	9438	1311	9002	5098824	143541	844	45682
64	6067816	13477	6986	13441	5996280	10555	5900	10529	5074736	14809	1308	12532	5707160	14254	840	14214
Total L1 Misses	9217654			Total L1 Misses	9191404			Total L1 Misses	9121275			Total L1 Misses	9103167			Total L1 Misses
Total L2 Misses	2471934			Total L2 Misses	1971627			Total L2 Misses	469219			Total L2 Misses	293959			Total L2 Misses
Total EAs	37873			Total EAs	37752			Total EAs	37631			Total EAs	37481			Total EAs
Total EAs (Miss)	23143			Total EAs (Miss)	23033			Total EAs (Miss)	22889			Total EAs (Miss)	22760			Total EAs (Miss)
Total EAs (Hit)	14730			Total EAs (Hit)	14719			Total EAs (Hit)	14742			Total EAs (Hit)	14721			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	0			Only 2 EA	0			Only 2 EA
Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA
Only 4 EA	1			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			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	5098824	115575	34614	30795	5316200	4294967295	4294967294	2	5511416	8828	7227	8742	5511416	9282	7486	9165
2	5099120	38509	21058	34494	5694136	43436	22047	35959	6056872	27631	6404	26330	6056872	27480	6395	26275
3	5070064	53142	20553	49035	5098824	115598	21683	30595	5047880	6531	4759	233	5095512	15425	3766	15017
4	5694136	43454	20527	36164	5099120	38257	21575	34201	5095512	15351	4726	14957	4196168	10416	3183	2748
5	6056872	27610	18290	26370	5070064	52965	21111	48920	4196168	10435	4144	2758	4196136	12125	2983	3346
6	5242640	37324	16482	31770	5242640	37319	17776	31876	5078248	26540	3913	22545	5070064	58740	2125	54056
7	5070072	61735	15778	52888	6056872	27480	17774	26268	5098824	115169	3828	29209	5070072	61727	2060	52615
8	5252480	34685	15485	30241	5252480	34709	16686	30359	4196136	12141	3756	3388	5078248	26412	2034	22458
9	5245080	28342	14869	22695	6327040	67699	16436	10516	5070064	58362	3181	53726	4496184	3756	1963	2419
10	6327040	68570	14756	10612	5070072	61883	16094	53011	4296792	12628	2908	3812	4196960	7250	1923	2091
11	5998744	23807	14267	22959	5245080	28474	15999	22633	5070072	61949	2823	52860	5099720	8621	1834	8477
12	5385808	30435	14239	24588	5385808	30389	15226	24512	5078176	20058	2785	17567	4296792	12637	1830	3518
13	5099200	27442	14032	23763	5998744	24064	15130	23135	5099120	38545	2640	34348	4195664	6400	1803	1864
14	5241824	33329	13686	27639	5241824	33304	14666	27350	5965032	19351	2618	9428	4496088	4934	1788	3146
15	5241592	27279	13617	23885	5099200	27410	14392	23643	4212528	6918	2589	1925	5694832	3693	1752	3157
16	5099176	32995	13297	29620	5241592	27400	14295	23839	5998744	19325	2271	18773	4196464	11746	1735	3311
17	5098808	59074	13210	13435	6327008	56338	13777	7204	5498320	11882	2206	11804	4496120	3808	1580	2176
18	5078160	46509	12637	43300	5099176	33025	13690	29587	4195664	6407	2198	1949	5524688	13043	1566	12926
19	5078248	26618	12436	22828	6326992	83754	13080	7874	4496184	3829	2146	2489	5998744	19086	1557	18523
20	5099464	23531	11989	19601	5078160	46605	12872	43405	5524688	13073	2141	12951	5078176	19977	1543	17465
21	5070016	38015	11234	36104	5099464	23517	12563	19793	5503768	18610	2089	17636	5498320	11793	1533	11734
22	6327008	49311	11034	7088	5078248	26813	12454	23098	4212496	11976	2028	2394	4230080	2859	1438	2859
23	6326992	90273	11021	7872	5277400	19690	11412	18444	5694136	45498	2018	37464	4212528	6902	1432	1853
24	5277400	19628	11004	18476	5095512	15655	11384	15252	4196464	11824	1979	3382	4230536	4665	1428	1614
25	5095512	15338	10830	14964	5070016	37520	11256	35586	5965280	17811	1955	9177	4212496	11906	1416	2338
26	5965032	19117	9732	9327	5524104	17819	9977	16441	5303560	8887	1860	1521	5303560	8928	1384	1559
27	5524104	17842	9644	16438	5242152	23059	9850	21309	4496088	4957	1848	3148	6056864	9269	1303	8877
28	5242152	23414	9381	21500	4196136	12326	9295	3637	5694832	3667	1831	3163	6327040	70912	1290	10228
29	5078176	20568	9089	18224	6327024	38881	8942	7790	5099200	27591	1819	23922	5095792	13820	1285	13068
30	5383488	13382	8438	12682	5078176	20465	8775	18243	5095584	6072	1784	6047	6016600	6174	1267	6014
31	5707160	14061	8323	14017	5524688	12958	8770	12838	4196960	7277	1749	2116	5095584	5962	1249	5933
32	5524688	13003	8305	12876	4212496	12194	8747	2629	5095792	13756	1727	13028	5694136	45143	1230	37189
33	4196464	12134	8272	3631	5707160	14046	8497	14004	5241592	26123	1708	22818	5729648	7343	1230	7323
34	4196136	12303	8271	3572	5524296	15173	8415	14930	4496120	3734	1697	2145	5099120	38590	1226	34518
35	4196168	10468	8167	2910	5383488	13248	8322	12515	5099720	8441	1693	8323	5503768	18568	1201	17569
36	5383632	18194	8000	16799	5098808	59086	7994	13276	4212400	4437	1683	849	5511640	1353	1178	1249
37	6327024	39812	7991	7734	5965032	19316	7913	9384	6016088	11150	1667	8181	6016088	11149	1170	8181
38	5524296	15147	7986	14888	6064832	14156	7899	13751	5098896	11772	1654	11558	5684848	1960	1159	880
39	5263152	31968	7769	25610	4196168	10535	7880	2956	5063728	4015	1648	131	4642552	6375	1099	5107
40	6064832	14162	7750	13767	5383632	18294	7831	16820	4229264	2756	1631	676	5074736	10102	1098	9492
41	5241632	20277	7540	17549	5098896	11933	7719	11734	4196608	3458	1581	1375	5686248	11918	1056	11648
42	5511416	8868	7517	8737	5241632	20139	7709	17301	5383632	18583	1562	17349	5241592	26083	970	22681
43	4296792	12690	7456	4019	6063440	13469	7458	13428	4642552	6454	1561	5201	4212400	4422	968	794
44	4212496	12136	7370	2607	5263152	31887	7406	25484	5048664	2975	1533	235	4196608	3426	951	1377
45	5098896	11800	7354	11611	5511416	8658	7267	8578	5383488	11810	1527	11281	4196504	4680	944	1238
46	5965280	17800	7302	9125	5503768	18568	7106	17617	4296704	7767	1520	2061	5098896	11945	937	11702
47	5503768	18451	7276	17491	4296792	12692	7056	4106	5099176	33127	1515	29800	5511544	1189	935	1074
48	6063440	13462	7268	13417	6067816	12173	6907	12149	5070016	41879	1505	39675	5499624	17178	917	13360
49	5966176	28846	6998	12944	4196464	12284	6805	3773	5524104	17823	1480	16420	4231056	2260	914	1399
50	5498320	11537	6997	11482	5498320	11311	6693	11241	4230080	2857	1455	2857	6299056	1829	914	1299
51	6067816	12151	6764	12122	5383640	19301	6231	17394	5277400	19649	1431	18483	5682976	10652	898	10003
52	5302904	12280	6460	5144	5499624	17164	6231	13118	5078160	45904	1425	42605	5079376	15239	895	12547
53	5383640	19283	6415	17471	5832376	13145	6153	13028	4230536	4665	1412	1607	5099200	27678	894	24007
54	5686248	11939	6303	11477	5393088	13445	6105	13321	6016600	6192	1409	6038	5047824	5570	872	5339
55	5499624	17186	6172	13302	5415560	12538	6089	12416	5686248	11914	1339	11647	5098824	115220	871	28997
56	5832376	13070	6109	12949	5099208	19293	6085	15023	5074736	10062	1338	9496	4296704	7735	865	1789
57	5099208	19326	5956	15103	5686248	11946	6078	11488	6327040	70951	1323	10252	5695000	1165	859	1012
58	5730200	11069	5894	10966	5730200	11029	6058	10931	5098808	59238	1303	12520	5070016	41963	851	39580
59	5047880	6623	5838	258	5392464	12961	6050	12907	6056864	9182	1299	8784	5707160	14038	849	13992
60	5996280	10009	5748	9982	5499552	17070	5996	12773	5707160	14071	1293	14037	5078160	45852	848	42536
61	6063320	11863	5726	11614	5996280	9986	5933	9960	5511640	1490	1291	1377	5745456	865	841	865
62	5494376	12364	5650	12336	5494552	12466	5877	12372	4196504	4709	1277	1253	6326960	6823	836	4199
63	5415560	12513	5644	12404	5303560	8998	5869	1598	5263152	32240	1230	25774	5524104	17834	802	16443
64	5393088	13466	5595	13353	5965280	17765	5776	9082	5499624	17169	1229	13402	4229264	2731	779	658
Total L1 Misses	4858352			Total L1 Misses	4853607			Total L1 Misses	4819942			Total L1 Misses	4813199			
Total L2 Misses	1936519			Total L2 Misses	1863413			Total L2 Misses	424558			Total L2 Misses	285337			
Total EAs	37519			Total EAs	37517			Total EAs	37275			Total EAs	37204			
Total EAs (Miss)	11822			Total EAs (Miss)	11760			Total EAs (Miss)	11395			Total EAs (Miss)	11165			
Total EAs (Hit)	25697			Total EAs (Hit)	25757			Total EAs (Hit)	25880			Total EAs (Hit)	26039			
Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			
Only 2 EA	0			Only 2 EA	1			Only 2 EA	0			Only 2 EA	0			
Only 3 EA	0			Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			
Only 4 EA	0			Only 4 EA	1			Only 4 EA	0			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	4195968	226873	30362	41199	4195968	222624	23305	39420	4201736	2049	1024	2049	4201736	2049	1024	2049	4195968	224395	30490	39739	4195968	219198	22825	38343	4201736	2049	1024	2049	4201736	2049	1024	2049
2	4196120	162484	19728	31754	4196120	159975	14343	30470	4196120	154715	582	28222	4196120	154618	547	27979	4196120	157363	18994	30106	4196120	154165	13872	29130	4196120	149405	598	26457	4196120	149046	532	26744
3	4196088	19741	13064	3645	4196088	19414	12380	3387	4196088	19011	481	2886	4196088	19188	320	3036	4196088	19292	12812	3376	4196088	19226	12133	3272	4196088	19013	468	2811	4196088	19038	294	2878
4	4201128	20571	3995	6232	4201128	20340	3994	6200	4201128	20561	178	6188	4217288	19	13	4	4201128	7967	3994	2621	4201128	7966	3993	2653	4201128	7967	194	2597	4196800	25	12	1
5	4201288	8217	1820	1046	4201288	8208	1798	1076	4245696	177	66	50	4195968	210861	6	35795	4201288	4988	1827	506	4201288	4988	1786	514	4201288	4988	65	509	4267624	8	8	1
6	4201992	4096	1030	4096	4201992	4096	1796	4096	4201288	8236	65	1088	4267624	6	6	1	4201736	2049	1025	2049	4201992	4096	1728	4096	4245696	161	52	51	4195968	207600	6	34878
7	4201736	2049	1025	2049	4201736	2049	1025	2049	4217200	53	51	13	4245696	158	5	54	4201992	4096	959	4096	4201736	2049	1025	2049	4219256	52	50	23	4245696	145	5	41
8	4245696	170	75	42	4245696	167	73	57	4219256	53	50	23	4216000	63	3	19	4245696	160	74	49	4245696	169	75	53	4217200	51	50	1	4224720	40	4	17
9	4196800	2109	71	73	4216000	62	44	20	4224720	56	46	23	4218120	52	3	23	4219256	52	52	23	4216000	49	48	18	4224720	46	44	22	4217288	12	4	3
10	4224720	68	60	25	4224720	55	42	28	4216000	58	27	18	4224720	49	3	24	4217200	51	51	15	4224720	74	47	31	4216000	66	40	16	4267656	3	3	1
11	4217200	54	53	17	4217200	62	35	14	4218120	54	27	18	4224736	3	3	3	4216000	47	45	16	4217200	58	33	15	4218120	54	27	15	4198184	14715	2	1693
12	4219256	53	52	25	4218120	56	29	21	4296472	52	26	1	4198184	31853	2	4324	4224720	62	38	21	4218120	55	29	21	4296472	52	26	1	4216000	67	2	16
13	4216000	63	39	16	4217960	54	27	1	4284080	52	25	11	4284080	52	2	14	4218120	55	28	20	4296472	52	27	1	4284080	52	26	12	4218120	53	2	17
14	4196568	33	31	1	4219256	53	27	21	4196568	41	25	1	4215376	34	2	1	4244768	52	27	1	4217960	52	27	1	4196568	32	25	2	4215376	40	2	1
15	4196832	3287	30	126	4296472	52	27	1	4196576	38	22	6	4216208	23	2	7	4217960	52	27	1	4284080	52	27	8	4196800	25	25	1	4244824	4	2	1
16	4218120	54	28	20	4284080	52	27	8	4195336	46	20	3	4244824	4	2	1	4296472	52	27	1	4219256	52	27	24	4195336	46	23	3	4224736	3	2	3
17	4217960	54	27	1	4196568	29	27	1	4217288	15	14	4	4224848	2	2	2	4284080	52	27	9	4244768	52	26	1	4195968	207658	18	34474	4228904	2	2	2
18	4244768	53	27	1	4195920	3814	25	1	4216560	13	12	1	4228904	2	2	2	4246472	52	26	1	4246472	51	25	1	4196576	21	15	3	4201128	7967	1	2591
19	4296472	52	27	1	4196832	3411	25	120	4216208	13	9	11	4198232	7890	1	312	4196568	27	26	1	4196568	27	25	1	4196592	21	13	5	4198432	66	1	20
20	4284080	52	27	8	4196776	2881	25	197	4224736	7	7	7	4196776	2383	1	172	4196776	34	25	3	4196776	27	25	2	4217288	14	13	5	4217960	52	1	1
21	4195920	3775	25	1	4196656	2495	25	1	4195968	210800	6	36120	4196800	2026	1	65	4196800	25	25	1	4196656	25	25	1	4216560	13	13	1	4219256	52	1	17
22	4196776	2989	25	191	4196800	2075	25	68	4224856	6	5	6	4202768	112	1	1	4196832	25	25	1	4196832	25	25	1	4284432	10	10	3	4296472	52	1	1
23	4196656	2478	25	1	4195944	495	25	1	4196592	26	4	5	4217960	54	1	1	4195944	25	25	1	4196800	25	25	1	4216208	12	9	11	4284080	52	1	15
24	4195944	484	25	1	4244768	53	25	1	4215720	19	4	2	4219256	53	1	21	4195920	25	25	1	4198552	25	25	1	4245840	8	8	2	4244768	52	1	1
25	4246472	52	25	1	4201056	425	24	1	4197544	6	4	3	4244768	53	1	1	4198552	25	25	1	4195944	25	25	1	4198416	62	7	6	4195464	27	1	1
26	4201056	407	24	1	4246472	51	24	1	4284432	4	4	3	4296472	52	1	1	4196656	25	25	1	4195920	25	25	1	4224736	7	7	7	4196776	25	1	1
27	4196576	32	23	5	4196576	26	22	7	4198416	111	3	6	4296224	48	1	12	4201056	25	24	1	4201056	25	24	1	4198432	67	6	12	4215296	11	1	1
28	4204480	29	23	1	4204480	27	18	1	4246472	53	3	1	4195464	26	1	1	4204480	28	23	1	4195336	40	21	3	4216128	20	4	2	4216208	8	1	5
29	4216208	33	20	13	4196448	17	17	1	4198184	31845	2	4277	4215296	17	1	1	4196592	26	22	3	4196592	30	21	6	4196584	12	4	5	4267808	3	1	3
30	4217288	20	20	6	4202632	58385	16	8198	4198232	7897	2	305	4194800	7	1	1	4195336	43	20	2	4195040	20	20	1	4224856	7	4	7	4224848	3	1	3
31	4267624	19	19	4	4195336	40	15	1	4244768	53	2	1	4245600	2	1	2	4267624	20	19	3	4204480	29	19	1	4204072	5	4	4	4210568	3	1	3
32	4195336	41	18	3	4217288	21	15	9	4195320	45	2	2	4246168	2	1	2	4196448	22	18	1	4267624	21	18	4	4246472	51	3	1	4204400	2	1	2
33	4196448	18	18	1	4267624	15	15	2	4296224	41	2	16	4204400	2	1	2	4216208	28	15	11	4196576	18	18	4	4198448	15	3	10	4235712	2	1	2
34	4224736	19	17	12	4215296	13	13	1	4244824	2	2	1	4235712	2	1	2	4267728	14	14	3	4215520	17	17	2	4196600	6	3	5	4224888	2	1	2
35	4215296	15	15	1	4215344	26	12	1	4228904	2	2	2	4267808	2	1	2	4215344	14	14	1	4216208	35	16	11	4197544	5	3	5	4202768	1	1	1
36	4198152	21880	13	3059	4198232	7900	10	319	4196832	3082	1	108	4224864	1	1	1	4215520	12	12	1	4215344	17	16	1	4198184	14718	2	1723	4194800	1	1	1
37	4215520	37	13	1	4215520	24	10	1	4196776	2396	1	166	4204920	1	1	1	4196576	13	11	5	4196448	16	15	1	4244768	52	2	1	4205056	1	1	1
38	4215344	35	11	1	4215448	52	9	1	4196800	2058	1	65	4210304	1	1	1	4217288	11	11	3	4202632	55693	14	7756	4267808	6	2	6	4210304	1	1	1
39	4215376	15	8	1	4215760	9	9	6	4202768	112	1	1	4205544	1	1	1	4215296	11	11	1	4213592	41	14	1	4204400	4	2	4	4205544	1	1	1
40	4224880	9	8	4	4215376	28	8	1	4217960	54	1	1	4205304	1	1	1	4267656	10	10	1	4217288	15	13	4	4246168	2	2	2	4205304	1	1	1
41	4267728	7	7	3	4216208	16	8	10	4215448	53	1	2	4205056	1	1	1	4215376	40	9	1	4267728	12	9	2	4228904	2	2	2	4204920	1	1	1
42	4213592	54	6	1	4216560	15	8	1	4215216	34	1	1	4210872	1	1	1	4224736	9	8	7	4215296	9	9	1	4244824	2	2	1	4210872	1	1	1
43	4215448	52	6	1	4198152	21862	7	3049	4195464	26	1	1	4213960	1	1	1	4202632	56012	6	7761	4215376	37	8	1	4224872	2	2	2	4213960	1	1	1
44	4267800	6	6	2	4213592	58	7	1	4215328	24	1	3	4214616	1	1	1	4215448	52	6	1	4267656	7	7	1	4215448	55	1	3	4214616	1	1	1
45	4267656	6	6	1	4204520	32	7	26	4196448	23	1	1	4214648	1	1	1	4213592	34	6	1	4215448	54	6	2	4217960	52	1	1	4214648	1	1	1
46	4224856	8	5	8	4198416	95	6	9	4267624	20	1	5	4194624	1	1	1	4216560	6	6	2	4204520	31	6	26	4195320	44	1	1	4194624	1	1	1
47	4216560	8	5	1	4197544	9	6	5	4215296	19	1	1	4233648	1	1	1	4196584	6	6	4	4195464	30	6	1	4215376	44	1	4	4233512	1	1	1
48	4210568	6	5	6	4224736	8	6	6	4296160	15	1	9	4235624	1	1	1	4210568	6	5	6	4196000	11	6	8	4213592	37	1	1	4242288	1	1	1
49	4198232	7871	4	305	4224856	7	5	7	4198448	15	1	8	4233512	1	1	1	4224880	5	5	2	4224736	9	6	9	4296224	33	1	10	4242544	1	1	1
50	4199080	1763	3	88	4196592	31	4	9	4196600	15	1	5	4237952	1	1	1	4195040	20	4	1	4198416	62	5	9	4195464	27	1	1	4244848	1	1	1
51	4213648	10	3	10	4244824	4	4	1	4194800	7	1	1	4242288	1	1	1	4196600	11	4	6	4215760	5	5	4	4215328	27	1	2	4245600	1	1	1
52	4197544	4	3	4	4215720	22	3	2	4224912	4	1	4	4242544	1	1	1	4197544	7	4	3	4202488	7159	4	625	4196776	25	1	1	4233648	1	1	1
53	4196496	3	3	1	4215328	14	3	2	4224888	4	1	4	4267656	1	1	1	4224848	5	4	5	4198448	24	4	15	4196832	25	1	1	4234376	1	1	1
54	4204072	3	3	3	4204400	3	3	3	4245600	2	1	2	4244392	1	1	1	4198432	44	3	10	4196584	9	4	5	4296160	18	1	7	4234816	1	1	1
55	4202632	58600	2	8069	4267800	3	3	3	4235712	2	1	2	4234816	1	1	1	4215760	3	3	3	4210568	5	4	5	4267728	12	1	2	4233656	1	1	1
56	4198184	31812	2	4247	4196584	6	2	2	4204400	2	1	2	4234376	1	1	1	4244824	3	3	1	4215808	4	4	3	4215296	11	1	1	4235624	1	1	1
57	4204520	27	2	26	4246960	3	2	2	4224848	2	1	2	4244848	1	1	1	4202488	7091	2	628	4198432	63	3	21	4224912	5	1	5	4244392	1	1	1
58	4202288	12	2	10	4224840	3	2	2	4210304	1	1	1	4283936	1	1	1	4195464	30	2	1	4215328	28	3	2	4224888	4	1	4	4229128	1	1	1
59	4224912	10	2	6	4210816	2	2	1	4210872	1	1	1	4229128	1	1	1	4216560	27	2	8	4216560	5	3	1	4267656	2	1	1	4237952	1	1	1
60	4196584	8	2	5	4196496	2	2	1	4213960	1	1	1	4233656	1	1	1	4215328	27	2	1	4197544	3	3	2	4235712	2	1	2	4283936	1	1	1
61	4202264	7	2	4	4202264	2	2	2	4204248	1	1	1	4202632	58304	0	8105	4204520	27	2	26	4224880	3	3	2	4204920	1	1	1	4202632	55645	0	7789
62	4215760	3	2	3	4228904	2	2	2	4205056	1	1	1	4198152	21930	0	3096	4202256	7	2	3	4205976	3	3	2	4204064	1	1	1	4198152	7925	0	896
63	4224848	3	2	3	4201088	390	1	1	4204072	1	1	1	4201128	20483	0	5983	4202288	5	2	5	4224840	3	3	3	4202768	1	1	1	4202488	7123	0	628
64	4224840	3	2	3	4202744	274	1	1	4216128	1	1	1	4201288	8231	0	1035	4202248	5	2	5	4198152	7929	2	902	4194900	1	1	1	4201288	4988	0	486

	Config 01	Config 03	Config 07	Config 09	Config 19	Config 21	Config 25	Config 27
Total L1 Misses	614794	607217	589911	589743	507944	499314	482661	482164
Total L2 Misses	72083	59551	2852	1989	71107	58374	2947	1949
Total EAs	809	814	814	808	810	810	817	812
Total EAs (Miss)	207	205	212	204	160	158	162	156
Total EAs (Hit)	602	609	602	604	650	652	655	656
Only 1 EA	20	24	20	35	25	22	19	37
Only 2 EA	21	32	28	42	28	30	28	41
Only 3 EA	27	34	32	43	36	33	32	46
Only 4 EA	31	34	35	44	37	37	36	46

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	4195968	153474	31676	33190	4195968	151439	25428	32240	4201736	2049	1024	2049	4201736	2049	1024	2049	4195968	139432	29997	30920	4195968	137677	24364	30483	4201736	2049	1024	2049	4201736	2049	1024	2049
2	4196120	100661	20442	23434	4196120	98485	15049	22586	4196120	95352	635	20459	4196120	95364	525	20844	4196120	74241	19209	18962	4196120	72990	15018	18792	4196120	70008	586	16768	4196120	69934	501	16971
3	4196088	17474	12648	3087	4196088	17526	12244	3108	4196088	16937	440	2470	4196088	16923	235	2440	4196088	16951	12082	2711	4196088	17513	12231	3034	4196088	16658	381	2266	4196088	16710	197	2326
4	4201128	12001	3998	3704	4201128	11870	3998	3573	4201128	11873	186	3518	4195968	143565	9	29149	4201128	7967	3999	2658	4201128	7967	3997	2676	4201128	7966	176	2622	4217288	20	11	4
5	4201288	4554	1704	481	4201288	4551	1518	485	4201288	4473	63	460	4217288	15	9	4	4201288	4856	1760	469	4201288	4852	1749	461	4245696	156	65	49	4224720	39	6	18
6	4201992	4096	1030	4096	4201992	4096	1443	4096	4245696	176	58	47	4245696	152	4	38	4201736	2049	1025	2049	4201992	4096	1534	4096	4201288	4856	63	464	4245696	163	5	46
7	4201736	2049	1025	2049	4201736	2049	1025	2049	4219256	53	51	21	4267656	4	4	1	4201992	4096	767	4096	4201736	2049	1025	2049	4219256	52	51	22	4195968	131222	3	28019
8	4245696	161	63	40	4245696	168	62	34	4217200	52	50	1	4216000	70	3	19	4245696	168	63	44	4245696	167	72	44	4217200	52	51	14	4196800	25	3	1
9	4196832	743	60	48	4196832	715	50	47	4224720	48	42	26	4224720	39	3	20	4217200	55	55	17	4216000	49	48	13	4224720	72	42	29	4218120	52	2	19
10	4217200	58	57	16	4216000	43	41	14	4216000	64	37	19	4198184	153	2	18	4219256	52	52	19	4224720	65	41	24	4216000	43	38	15	4215376	37	2	1
11	4196800	583	53	18	4224720	70	39	27	4218120	53	27	16	4218120	53	2	16	4216000	46	44	12	4217200	58	32	14	4218120	58	31	18	4224736	13	2	6
12	4219256	53	52	18	4217200	55	29	18	4296472	52	26	1	4215376	36	2	1	4224720	61	36	21	4196568	33	32	1	4296472	52	26	1	4244824	3	2	1
13	4224720	71	41	27	4218120	55	28	15	4196568	48	23	2	4224736	2	2	2	4218120	58	29	17	4218120	54	29	19	4284080	52	26	12	4228904	2	2	2
14	4216000	42	40	15	4219256	53	27	18	4284080	52	21	9	4244824	2	2	1	4244768	52	27	1	4219256	52	28	17	4195968	131369	25	27658	4267624	2	2	1
15	4218120	54	28	16	4284080	52	27	8	4216208	45	20	9	4228904	2	2	2	4284080	52	27	6	4284080	52	27	7	4196568	45	25	1	4201128	7967	1	2586
16	4296472	52	27	1	4296472	52	27	1	4195336	39	18	2	4196800	642	1	22	4296472	52	27	1	4244768	52	27	1	4196800	25	25	1	4216000	68	1	18
17	4284080	52	27	9	4244768	27	27	1	4284432	14	14	3	4196776	468	1	56	4217960	27	27	1	4296472	52	27	1	4196576	44	20	5	4219256	52	1	20
18	4244768	27	27	1	4217960	27	27	1	4217288	14	13	3	4219256	53	1	20	4246472	51	26	1	4217960	27	27	1	4195336	34	17	1	4296472	52	1	1
19	4217960	27	27	1	4196568	29	26	2	4196576	39	12	6	4284080	52	1	12	4196568	26	26	1	4246472	51	26	1	4216208	17	14	6	4244768	52	1	1
20	4196568	28	26	2	4246472	26	26	1	4195968	143524	11	28598	4296472	52	1	1	4196656	25	25	1	4196576	26	26	5	4217288	13	12	2	4284080	52	1	15
21	4195920	1776	25	1	4195920	1782	25	1	4196592	27	5	7	4195336	40	1	2	4196800	25	25	1	4196800	25	25	1	4196592	27	11	7	4217960	27	1	1
22	4196656	479	25	1	4196800	608	25	27	4197544	15	5	5	4216208	39	1	5	4196832	25	25	1	4196656	25	25	1	4216560	9	9	2	4195464	27	1	1
23	4196776	436	25	71	4196656	480	25	1	4224736	5	5	4	4202768	34	1	1	4198552	25	25	1	4196776	25	25	1	4196600	16	5	9	4196776	25	1	1
24	4195944	209	25	1	4196776	435	25	68	4198416	61	4	7	4215296	33	1	1	4196776	25	25	1	4196832	25	25	1	4224736	5	5	3	4216208	15	1	5
25	4199080	75	25	7	4195944	248	25	1	4216560	5	4	2	4217960	27	1	1	4195920	25	25	1	4198552	25	25	1	4198448	10	4	5	4267808	10	1	10
26	4246472	25	25	1	4201056	37	24	1	4198432	60	3	15	4244768	27	1	1	4267624	25	25	3	4195920	25	25	1	4198416	7	4	3	4215296	6	1	1
27	4201056	33	24	1	4204480	28	21	1	4196600	11	3	9	4195464	26	1	1	4195944	25	25	1	4195944	25	25	1	4245840	4	4	2	4198440	5	1	5
28	4204480	25	21	1	4196576	23	21	5	4215376	37	2	2	4198448	18	1	12	4201056	25	24	1	4196592	36	24	7	4196584	5	3	2	4194800	2	1	1
29	4195336	43	20	2	4195336	42	19	2	4244768	27	2	1	4215344	13	1	1	4204480	24	24	1	4201056	25	24	1	4244768	52	2	1	4204816	2	1	2
30	4267624	18	18	3	4215296	18	17	1	4246472	26	2	1	4215328	8	1	2	4196576	25	20	5	4204480	24	24	1	4246472	51	2	1	4202248	2	1	2
31	4216208	39	16	10	4215520	17	17	1	4198448	14	2	8	4210568	4	1	4	4216208	33	19	11	4267624	19	19	3	4296224	35	2	11	4235712	2	1	2
32	4215520	16	16	2	4217288	16	16	4	4267728	13	2	3	4202256	3	1	2	4196592	23	19	3	4195040	19	19	1	4196608	5	2	5	4205056	1	1	1
33	4196576	18	14	6	4267624	15	15	3	4196608	6	2	6	4210928	3	1	1	4215520	19	19	1	4215760	18	17	8	4244824	4	2	1	4204920	1	1	1
34	4215344	13	13	1	4196448	15	15	1	4210928	5	2	1	4215720	2	1	2	4215344	17	17	2	4215520	17	17	1	4215760	2	2	2	4202768	1	1	1
35	4196448	13	13	1	4216208	40	14	8	4245336	3	2	3	4224896	2	1	2	4213592	42	16	1	4195336	40	15	2	4224840	2	2	2	4194624	1	1	1
36	4215296	25	12	1	4202632	21378	13	5134	4224840	3	2	2	4235712	2	1	2	4195336	40	16	1	4215296	13	13	1	4228904	2	2	2	4214648	1	1	1
37	4217288	12	12	6	4284416	12	11	3	4228904	2	2	2	4194800	2	1	1	4217288	16	16	4	4213592	39	12	1	4204400	2	2	2	4205304	1	1	1
38	4284416	17	11	3	4215376	35	9	1	4224880	2	2	2	4242288	1	1	1	4198416	17	11	5	4215344	12	12	1	4224848	2	2	2	4214616	1	1	1
39	4213592	11	10	1	4198416	67	8	9	4244824	2	2	1	4214616	1	1	1	4284416	11	11	3	4244904	11	11	1	4215448	53	1	2	4210872	1	1	1
40	4267728	9	9	2	4196592	34	8	7	4215760	2	2	2	4242544	1	1	1	4215296	9	9	1	4196448	11	11	1	4215376	36	1	1	4210304	1	1	1
41	4215760	8	8	5	4213592	10	8	1	4196832	666	1	42	4213960	1	1	1	4224736	8	8	7	4202632	12450	10	4303	4195320	36	1	1	4215720	1	1	1
42	4215376	37	7	1	4215760	9	8	6	4196608	630	1	21	4215792	1	1	1	4196584	8	7	4	4215376	35	9	1	4217960	27	1	1	4205544	1	1	1
43	4215448	53	6	2	4215344	8	8	1	4196776	482	1	66	4237952	1	1	1	4215760	6	6	3	4216208	21	9	5	4196832	25	1	1	4213960	1	1	1
44	4197544	12	5	3	4267728	8	8	2	4198184	153	1	17	4245600	1	1	1	4215376	33	5	1	4196600	14	9	8	4196776	25	1	1	4229128	1	1	1
45	4224736	6	5	6	4210568	12	6	12	4215448	54	1	3	4244392	1	1	1	4196496	5	5	1	4198416	11	9	3	4195464	25	1	1	4242544	1	1	1
46	4267656	5	5	1	4224736	8	6	4	4195320	41	1	1	4205544	1	1	1	4196448	5	5	1	4217288	10	9	3	4215328	24	1	2	4234376	1	1	1
47	4202632	21377	4	5075	4204520	4	4	1	4202768	34	1	1	4205304	1	1	1	4196600	15	4	9	4195464	31	7	1	4196448	16	1	1	4234816	1	1	1
48	4196592	29	4	7	4224880	4	4	2	4195464	28	1	1	4205056	1	1	1	4198448	15	4	7	4210568	6	5	6	4215296	13	1	1	4242288	1	1	1
49	4204520	4	4	1	4215328	27	3	2	4217960	27	1	1	4267624	1	1	1	4198424	5	4	3	4198448	11	4	7	4267808	6	1	6	4237952	1	1	1
50	4198432	58	3	14	4197544	11	3	2	4296160	19	1	8	4210304	1	1	1	4215448	52	3	1	4215328	28	3	2	4245600	4	1	3	4235624	1	1	1
51	4196600	12	3	7	4224912	6	3	4	4267624	18	1	3	4283920	1	1	1	4215328	28	3	2	4216560	6	3	2	4224912	3	1	3	4233656	1	1	1
52	4216560	7	3	2	4224856	4	3	4	4215296	16	1	1	4283936	1	1	1	4196608	8	3	5	4196496	5	3	1	4284448	2	1	2	4233512	1	1	1
53	4224880	3	3	2	4267800	3	3	2	4213592	11	1	1	4210872	1	1	1	4210568	4	3	4	4198432	26	2	6	4235712	2	1	2	4283936	1	1	1
54	4196496	3	3	1	4196496	3	3	1	4204816	4	1	1	4194624	1	1	1	4268792	3	3	3	4296160	10	2	6	4202248	2	1	2	4233648	1	1	1
55	4202488	3004	2	405	4202488	3037	2	432	4210568	4	1	4	4234816	1	1	1	4267800	3	3	3	4202264	3	2	3	4194800	2	1	1	4245600	1	1	1
56	4198184	158	2	20	4198440	50	2	17	4202256	3	1	2	4234376	1	1	1	4267656	3	3	1	4245336	3	2	3	4205976	2	1	2	4244392	1	1	1
57	4198416	58	2	8	4296160	11	2	8	4224888	3	1	3	4233656	1	1	1	4296224	36	2	13	4224848	2	2	2	4210928	2	1	1	4224880	1	1	1
58	4198440	33	2	13	4196600	8	2	4	4224856	2	1	2	4229128	1	1	1	4244824	2	2	1	4244824	2	2	1	4197544	1	1	1	4202632	12422	0	4246
59	4215328	14	2	1	4245336	3	2	3	4196584	2	1	2	4233648	1	1	1	4228904	2	2	2	4224736	2	2	2	4213960	1	1	1	4201288	4853	0	444
60	4202264	4	2	3	4202264	3	2	2	4194800	2	1	1	4235624	1	1	1	4202264	2	2	2	4245840	2	2	2	4204824	1	1	1	4201992	4096	0	4096
61	4204400	3	2	3	4198152	3	2	3	4235712	2	1	2	4233512	1	1	1	4224848	2	2	2	4224864	2	2	2	4210872	1	1	1	4202488	1909	0	385
62	4215808	2	2	2	4216128	3	2	3	4213960	1	1	1	4202632	21483	0	5141	4204400	2	2	2	4228904	2	2	2	4210304	1	1	1	4215448	52	0	1
63	4244824	2	2	1	4244824	2	2	1	4194624	1	1	1	4201128	11811	0	3600	4202632	12400	1	4287	4202488	1942	1	383	4205304	1	1	1	4217200	51	0	1
64	4224864	2	2	2	4267656	2	2	1	4204400	1	1	1	4198232	4896	0	1	4195320	41	1	1	4215448	52	1	1	4205056	1	1	1	4246472	51	0	1
Total L1 Misses	335483			Total L1 Misses	331407			Total L1 Misses	319946			Total L1 Misses	319659			Total L1 Misses	265704			Total L1 Misses	263261			Total L1 Misses	253059			Total L1 Misses	252870		
Total L2 Misses	73547			Total L2 Misses	61634			Total L2 Misses	2876			Total L2 Misses	1874			Total L2 Misses	69834			Total L2 Misses	60901			Total L2 Misses	2811			Total L2 Misses	1805		
Total EAs	814			Total EAs	812			Total EAs	818			Total EAs	795			Total EAs	806			Total EAs	808			Total EAs	816			Total EAs	817		
Total EAs (Miss)	170			Total EAs (Miss)	171			Total EAs (Miss)	173			Total EAs (Miss)	164			Total EAs (Miss)	142			Total EAs (Miss)	133			Total EAs (Miss)	144			Total EAs (Miss)	137		
Total EAs (Hit)	644			Total EAs (Hit)	641			Total EAs (Hit)	645			Total EAs (Hit)	631			Total EAs (Hit)	664			Total EAs (Hit)	675			Total EAs (Hit)	672			Total EAs (Hit)	680		
Only 1 EA	19			Only 1 EA	19			Only 1 EA	17			Only 1 EA	37			Only 1 EA	25			Only 1 EA	26			Only 1 EA	24			Only 1 EA	40		
Only 2 EA	28			Only 2 EA	27			Only 2 EA	29			Only 2 EA	45			Only 2 EA	31			Only 2 EA	34			Only 2 EA	39			Only 2 EA	44		
Only 3 EA	33			Only 3 EA	32			Only 3 EA	36			Only 3 EA	45			Only 3 EA	38			Only 3 EA	39			Only 3 EA	43			Only 3 EA	44		
Only 4 EA	33			Only 4 EA	37			Only 4 EA	38			Only 4 EA	47			Only 4 EA	41			Only 4 EA	39			Only 4 EA	43			Only 4 EA	45		

	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	4217352	689362	31161	63446	4217352	690973	16657	63341	4217352	690782	260	62330	4285168	1559	230	1559	4217352	636062	29651	55086	4217352	636159	15219	54658	4285168	474	229	474	4285168	474	229	474
2	4218136	420724	23103	53791	4218136	421123	10526	54556	4285168	1534	230	1534	4272112	499	118	255	4218136	419755	22238	53224	4218136	419945	10282	54330	4217352	636192	113	53913	4226040	212	73	208
3	4217168	39394	11874	20038	4217168	39251	6841	19772	4272112	492	107	249	4226040	2432	110	1020	4217168	37956	11573	18687	4217168	37945	6704	18702	4226040	184	65	180	4280312	79	34	78
4	4216352	102306	4370	49686	4216352	102146	1294	49387	4226040	2436	106	1018	4217352	691373	86	62168	4216352	92188	3989	40802	4216352	92032	1101	40433	4272112	73	42	70	4272112	70	33	64
5	4219304	70850	1531	9310	4217160	12072	830	4352	4218136	421243	33	52177	4229928	65	32	65	4219304	66638	1516	6919	4217160	9013	810	3230	4280312	79	34	78	4229928	65	33	65
6	4218160	30466	1497	12217	4219304	70629	825	9230	4217576	51956	32	9464	4280312	106	30	101	4218160	29683	1507	11888	4219552	52965	804	6353	4219240	9987	33	422	4302704	56	28	56
7	4219552	55951	1482	8066	4219552	56353	801	8167	4229928	65	32	65	4302704	88	28	80	4219552	52935	1329	6384	4218160	29323	786	12061	4229928	65	33	65	4217352	637310	22	53946
8	4217576	53650	853	9844	4219240	10526	768	755	4280312	106	30	101	4271456	135	23	102	4217576	26703	803	3829	4219240	9876	742	396	4302704	56	28	56	4271992	237	11	169
9	4221952	7766	536	264	4218160	29864	746	12104	4302704	89	28	81	4271512	519	17	298	4221952	5403	526	137	4219304	66957	705	6892	4217576	26208	26	3655	4217576	26188	10	3592
10	4217736	22586	402	4572	4217576	52349	444	9529	4219240	10516	26	779	4219240	10571	11	767	4219176	1131	428	56	4217576	26107	461	3773	4216352	91972	25	40460	4271512	121	9	74
11	4226040	2485	396	1069	4226040	2502	334	1062	4216352	102134	20	49700	4271992	4651	10	1088	4217736	15349	392	3162	4221952	5387	330	154	4218136	420159	15	51903	4271456	29	8	25
12	4219176	26916	388	346	4221952	7799	311	271	4271512	506	16	278	4313856	109	10	89	4219520	596	267	59	4217736	15244	230	3057	4279776	427	12	157	4282648	15	6	15
13	4217456	18278	255	3169	4217736	21949	231	4393	4271992	4659	15	1089	4217576	52842	8	9496	4285168	476	232	476	4285168	473	229	473	4271992	230	8	164	4218136	420215	5	51915
14	4219520	23190	245	342	4285168	1528	231	1528	4271456	120	14	94	4313848	87	6	82	4217456	13127	229	1145	4217456	12872	143	1110	4271512	123	8	72	4313848	6	5	6
15	4277032	42186	242	5213	4219176	26721	153	356	4279776	783	12	229	4282648	15	5	15	4277032	33558	215	2992	4219176	1046	118	56	4271456	30	8	28	4290856	15	4	10
16	4285168	1542	233	1542	4222616	14864	135	4229	4313848	80	7	76	4218136	421427	4	52258	4219240	9900	196	422	4226040	144	118	143	4313856	10	7	10	4313856	6	4	6
17	4245792	9431	214	3326	4272112	504	124	261	4219552	56296	6	8079	4219176	26531	4	392	4245792	9498	191	2915	4219520	583	117	50	4279808	573	6	352	4221952	5418	3	137
18	4219240	10513	205	776	4217456	18126	116	3153	4279872	838	6	426	4221952	7773	4	256	4217160	9017	161	3185	4255376	4020	105	2347	4282648	15	6	15	4277032	33593	2	2903
19	4217160	12154	180	4347	4255376	10663	106	5688	4313856	89	6	82	4290856	19	4	17	4224328	8480	158	68	4218096	1777	101	262	4313848	10	6	10	4219240	9937	2	422
20	4221568	54040	162	1273	4218096	1848	101	287	4219176	26612	5	342	4279944	13	3	11	4226040	162	140	157	4255360	2668	100	1824	4279872	541	4	353	4219176	983	2	46
21	4237176	2769	160	630	4220680	10639	98	3473	4279808	894	5	376	4277032	42156	2	5083	4276960	5519	132	64	4220680	5512	98	2002	4290856	15	4	10	4237176	223	2	42
22	4276960	6913	152	531	4219520	23187	92	337	4282648	15	5	15	4217632	5941	2	2088	4222616	8572	125	2031	4222616	7708	94	1836	4277032	33496	3	2857	4288288	42	2	15
23	4222616	14662	136	4087	4224560	6688	90	1094	4221952	7725	4	287	4237176	2702	2	580	4221568	28393	124	717	4281384	2511	85	1923	4221568	28288	2	661	4279944	9	2	9
24	4272112	502	136	256	4277344	12279	88	3318	4290856	19	4	16	4279776	786	2	223	4237280	3647	113	836	4277344	6230	79	1888	4221952	5406	2	137	4328808	3	2	3
25	4224328	10349	133	168	4255360	9090	85	5094	4279816	497	3	222	4288288	48	2	15	4217632	2834	110	772	4255344	2169	78	1356	4219176	992	2	46	4231536	3	2	3
26	4220552	44498	114	1508	4281384	13462	84	8060	4273664	56	3	35	4328808	3	2	3	4220552	35957	106	1021	4224560	4375	74	837	4279824	495	2	282	4286096	2	2	2
27	4237280	4029	113	1259	4237176	2689	71	543	4221568	54066	2	1239	4221568	54060	1	1256	4255376	3360	101	2075	4285936	205	72	1	4279816	357	2	187	4218160	28923	1	11842
28	4220680	10415	111	3336	4213632	1026	71	702	4277032	42146	2	5184	4219520	23245	1	332	4220680	5707	97	2046	4224088	915	67	731	4279832	331	2	176	4219520	535	1	40
29	4281496	25748	108	16696	4255344	8769	65	4502	4217632	6027	2	2134	4290504	1072	1	1	4218096	1850	93	270	4213632	292	61	249	4237176	211	2	50	4290504	447	1	1
30	4234952	1480	102	202	4277032	42069	62	5095	4237176	2726	2	595	4272568	186	1	116	4234952	704	93	42	4234952	752	58	55	4217544	68	2	60	4288040	52	1	1
31	4223776	49415	95	1745	4290504	952	60	1	4279832	359	2	183	4218336	140	1	106	4277344	6393	92	1858	4290504	428	52	1	4288288	41	2	11	4315280	33	1	1
32	4255344	8592	95	4613	4223888	7777	57	3402	4288288	48	2	15	4288040	75	1	1	4235112	460	86	1	4217632	3212	51	794	4328808	3	2	3	4272568	19	1	18
33	4218096	1953	95	303	4224088	1742	57	1417	4328808	3	2	3	4285104	65	1	17	4255344	1814	74	1238	4211952	1028	51	670	4231536	3	2	3	4338416	8	1	1
34	4277344	12105	93	3267	4217632	6116	55	2162	4219520	23309	1	336	4315280	45	1	1	4290504	444	74	1	4223640	112	47	1	4218160	28977	1	11819	4317184	2	1	1
35	4255376	9329	93	5268	4285936	117	53	1	4217736	21828	1	4353	4280408	37	1	37	4281496	2557	72	2496	4277032	33556	46	2942	4217736	15176	1	2990	4310264	2	1	1
36	4255360	9645	92	5314	4221864	24659	52	778	4245792	9444	1	3297	4315432	10	1	1	4224560	4520	67	883	4272112	75	44	66	4245792	9505	1	2887	4310208	2	1	1
37	4235112	1188	89	118	4245792	9463	52	3331	4276960	6899	1	503	4338416	9	1	1	4224088	1012	65	853	4281248	1836	43	1355	4276960	5506	1	55	4274336	2	1	2
38	4290504	1048	86	1	4223640	15661	47	1	4218096	1779	1	242	4231536	8	1	8	4234976	555	64	67	4245792	9510	41	2890	4219520	527	1	36	4340912	2	1	2
39	4234976	1412	77	194	4234952	1390	47	200	4219104	1296	1	594	4310208	2	1	1	4255360	2293	62	1714	4237176	221	41	51	4290504	461	1	1	4315432	2	1	1
40	4315280	105	75	1	4315280	74	45	1	4290504	1008	1	1	4310320	2	1	1	4237176	195	61	47	4277328	2343	40	533	4219104	240	1	61	4310320	2	1	1
41	4217632	5744	74	2080	4220424	6415	39	1	4279824	641	1	332	4310264	2	1	1	4217648	3175	59	661	4220424	66	40	1	4288040	52	1	1	4317944	2	1	1
42	4281384	13251	73	7961	4281248	3512	39	2330	4272568	185	1	123	4274336	2	1	2	4286936	119	56	1	4223888	2288	39	927	4315280	37	1	1	4280480	2	1	2
43	4224560	6594	67	1097	4313856	146	39	119	4288040	81	1	1	4340912	2	1	2	4223776	33500	55	937	4313856	58	38	50	4272568	19	1	18	4335024	2	1	1
44	4222600	7255	62	2143	4277328	5260	38	1094	4315280	48	1	1	4335024	2	1	1	4222600	3434	55	1003	4225728	1063	37	1	4279944	11	1	8	4318104	2	1	1
45	4285936	109	60	1	4217256	6071	36	4687	4280408	37	1	37	4317184	2	1	1	4281384	2104	52	1721	4235112	471	37	1	4338416	8	1	1	4274064	1	1	1
46	4281248	4455	59	2881	4313848	139	36	125	4338416	9	1	1	4317944	2	1	1	4281248	1691	49	1321	4217256	3164	36	2862	4315432	6	1	1	4274272	1	1	1
47	4280928	1383	52	1064	4223904	18158	34	1371	4231536	8	1	8	4318104	2	1	1	4272112	72	47	68	4280312	79	34	78	4274336	2	1	2	4274168	1	1	1
48	4237264	4977	51	1668	4222600	7336	34	2169	4279944	7	1	7	4274168	1	1	1	4217256	3065	44	2765	4229928	65	33	65	4310320	2	1	1	4285784	1	1	1
49	4217648	5316	50	1555	4217648	5510	34	1577	4315432	5	1	1	4274064	1	1	1	4237296	354	43	13	4237280	3615	32	819	4280480	2	1	2	4282848	1	1	1
50	4237288	1680	50	28	4202408	3959	33	1573	4317944	2	1	1	4282632	1	1	1	4313856	63	42	56	4222600	3133	31	891	4317184	2	1	1	4229888	1	1	1
51	4255368	6521	49	3723	4235112	1153	33	117	4340912	2	1	2	4274272	1	1	1	4315280	42	40	1	4315280	37	31	1	4318104	2	1	1	4233712	1	1	1
52	4223904	18153	48	1381	4315312	64	33	1	4274336	2	1	2	4233720	1	1	1	4277328	2307	39	549	4313848	62	29	54	4335024	2	1	1	4233720	1	1	1
53	4281424	9603	48	7099	4225728	3614	32	1	4310264	2	1	1	4233712	1	1	1	4222008	1010	39	1	4202408	2493	28	869	4317944	2	1	1	4194624	1	1	1
54	4277328	5060	48	1093	4229928	65	32	65	4317184	2	1	1	4229888	1	1	1	4254912	1388	37	1324	4255368	1008	28	759	4310208	2	1	1	4315984	1	1	1
55	4224088	2092	47	1702	4237280	4018	31	1263	4318104	2	1	1	4282848	1	1	1	4223888	2614	35	998	4234976	517	28	59	4340912	2	1	2	4313128	1	1	1
56	4281480	28363	45	17449	4280312	106	30	101	4310320	2	1	1	4285784	1	1	1	4217624	983	35	332	4302704	56	28	56	4310264	2	1	1	4337944	1	1	1
57	4223888	7826	45	3465	4255368	5924	29	3283	4310208	2	1	1	4194624	1	1	1	4280312	79	34	78	4217648	3510	26	670	4233712	1	1	1	4338560	1	1	1
58	4202408	4082	43	1534	4221848	5178	29	1531	4335024	2	1	1	4328760	1	1	1	4225728	1066	33	1	4221848	1194	26	408	4233720	1	1	1	4328760	1	1	1
59	4276792	3204	42	2498	4237264	5082	29	1719	4233712	1	1	1	4316192	1	1	1	4229928	65	33	65	4223952	1129	20	494	4282848	1	1	1	4340816	1	1	1
60	4221864	24946	41	803	4211952	2213	28	1394	4233720	1	1	1	4313128	1	1	1	4281424	1300	32	1263	4211896	494	20	477	4229888	1	1	1	4309696	1	1	1
61	4288040	96	41	1	4302704	88	28	82	4274064	1	1	1	4309696	1	1	1	4280928	607	32	481	4220552	35925	19	1027	4274168	1	1	1	4316192	1	1	1
62	4271512	497	40	290	4276904	10922	26	981	4274168	1	1	1	4337944	1	1	1	4211952	869	31	615	4281496	2573	19	2497	4338560	1	1	1	4216352	91963	0	40605
63	4313856	170	40	143	4223952	3891	25	1798	4282848	1	1	1	4340816	1	1	1	4313848	72	31	64	4212328	1429	19	1	4340816	1	1	1	4293304	66879	0	6850
64	4217256	6015	38	4656	4243976	1356	25	199	4285784	1	1	1	4338560	1	1	1	4237264	4011	28	1040	4223960	1532	18	421	4337944	1	1	1	4219552	53429	0	6315
Total L1 Misses	2750731			Total L1 Misses	2746617			Total L1 Misses	2746131			Total L1 Misses	2746512			Total L1 Misses	1832932			Total L1 Misses	1831747			Total L1 Misses	1829468			Total L1 Misses	1831120		
Total L2 Misses	84475			Total L2 Misses	44530			Total L2 Misses	1072			Total L2 Misses	794			Total L2 Misses	79687			Total L2 Misses	41777			Total L2 Misses	777			Total L2 Misses	570		
Total EAs	1688			Total EAs	1674			Total EAs	1685			Total EAs	1671			Total EAs	1633			Total EAs	1637			Total EAs	1615			Total EAs	1617		
Total EAs (Miss)	934			Total EAs (Miss)	906			Total EAs (Miss)	919			Total EAs (Miss)	914			Total EAs (Miss)	626			Total EAs (Miss)	632			Total EAs (Miss)	620			Total EAs (Miss)	618		
Total EAs (Hit)	754			Total EAs (Hit)	768			Total EAs (Hit)	766			Total EAs (Hit)	757			Total EAs (Hit)	1007			Total EAs (Hit)	1005			Total EAs (Hit)	995			Total EAs (Hit)	999		
Only 1 EA	4			Only 1 EA	7			Only 1 EA	18			Only 1 EA	29			Only 1 EA	6			Only 1 EA	8			Only 1 EA	20			Only 1 EA	29		
Only 2 EA	4			Only 2 EA	7			Only 2 EA	20			Only 2 EA	31			Only 2 EA	6			Only 2 EA	8			Only 2 EA	23			Only 2 EA	33		
Only 3 EA	4			Only 3 EA	7			Only 3 EA	21			Only 3 EA	32			Only 3 EA	6			Only 3 EA	8			Only 3 EA	25			Only 3 EA	35		
Only 4 EA	4			Only 4 EA	7			Only 4 EA	21			Only 4 EA	32			Only 4 EA	6			Only 4 EA	8			Only 4 EA	25			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	4217352	478750	28045	48803	4217352	479236	13124	48493	4285168	608	230	608	4285168	609	229	609
2	4218136	365198	20936	42047	4218136	365225	7930	42176	4217352	479441	105	47882	4226040	1164	99	530
3	4217168	37618	11428	18481	4217168	37558	6453	18410	4226040	1242	105	577	4217352	479070	39	47952
4	4216352	82174	4017	37508	4216352	81994	1156	37851	4272112	82	36	78	4229928	65	32	65
5	4219304	54010	1509	6882	4217160	8904	741	3181	4229928	65	32	65	4302704	68	28	62
6	4218160	22589	1463	9111	4219240	9542	678	579	4217576	18928	30	3513	4280312	27	27	27
7	4219552	39850	1213	5884	4219304	54053	642	6862	4302704	68	28	62	4272112	63	18	58
8	4217576	18172	729	3630	4219552	39934	623	5822	4218136	365685	27	40236	4217576	18881	13	3493
9	4221952	2020	513	154	4218160	22396	556	9079	4219240	9659	27	576	4271512	71	9	54
10	4217736	12861	379	2896	4217576	17070	332	3629	4280312	27	27	27	4218136	365268	7	40050
11	4219176	5127	366	138	4221952	2098	331	165	4216352	81951	21	37431	4282648	15	6	15
12	4226040	1181	266	516	4285168	609	231	608	4279776	156	10	103	4271992	253	5	162
13	4285168	616	233	616	4226040	1199	218	540	4271512	69	9	56	4271456	35	5	31
14	4217456	10368	225	1298	4217736	12632	182	2903	4279808	447	7	244	4313856	14	5	14
15	4219520	5408	221	145	4219176	5052	134	143	4282648	15	6	15	4290856	14	4	12
16	4219240	9587	208	570	4255360	4065	111	2189	4271456	33	5	30	4219176	5047	3	131
17	4277032	13551	201	2554	4222616	6702	103	1976	4279872	329	4	220	4313848	14	3	14
18	4245792	4819	199	2098	4220680	4852	102	2008	4290856	13	4	11	4219240	9660	2	563
19	4217160	8898	157	3189	4218096	1221	102	169	4219176	5048	3	132	4221952	2007	2	158
20	4234952	305	156	129	4255376	3662	97	2139	4279816	239	3	132	4237176	792	2	171
21	4222616	7122	149	2148	4217456	10403	94	1295	4219552	39804	2	5809	4288288	26	2	10
22	4235112	239	145	85	4219520	5452	92	138	4221568	21067	2	550	4231536	4	2	4
23	4220680	4836	128	1979	4277344	5201	81	1889	4237176	816	2	168	4328808	3	2	3
24	4276960	3666	118	149	4255344	3448	79	1793	4279824	229	2	168	4280480	2	2	2
25	4221568	21081	115	588	4224560	2896	77	692	4279832	126	2	84	4219520	5454	1	139
26	4237280	2069	105	787	4281384	5885	72	2931	4288288	26	2	10	4217632	2503	1	843
27	4277344	5333	104	1929	4224088	936	64	726	4313848	11	2	11	4290504	381	1	1
28	4234976	214	101	110	4290504	358	61	1	4328808	3	2	3	4315280	83	1	1
29	4218096	1250	100	183	4281248	1591	60	1095	4280480	2	2	2	4288040	47	1	1
30	4281496	8057	99	5120	4285936	85	58	1	4277032	13456	1	2512	4272568	30	1	25
31	4217632	2588	98	911	4217632	2568	54	917	4223776	12625	1	822	4338416	8	1	1
32	4220552	12997	95	949	4315280	74	53	1	4219520	5452	1	131	4279944	6	1	5
33	4290504	392	93	1	4245792	4813	50	2083	4245792	4805	1	2061	4273664	4	1	4
34	4237176	815	90	160	4234952	285	50	120	4276960	3674	1	141	4310208	2	1	1
35	4224560	2918	87	743	4223640	11772	47	1	4221952	2050	1	151	4310264	2	1	1
36	4315280	95	87	1	4237176	804	46	157	4290504	340	1	1	4335224	2	1	1
37	4255376	3392	75	1980	4277328	2392	44	625	4219104	314	1	156	4318104	2	1	1
38	4255344	3178	75	1711	4217256	2504	43	2180	4271992	254	1	150	4317944	2	1	1
39	4255360	3817	71	2059	4223888	3539	40	1436	4279688	135	1	90	4340912	2	1	2
40	4222600	3460	67	1068	4222600	3399	40	1030	4315280	82	1	1	4317184	2	1	1
41	4237288	867	65	12	4220424	2927	40	1	4288040	35	1	1	4315432	2	1	1
42	4281384	5883	64	2986	4277032	13442	38	2573	4272268	29	1	26	4274336	2	1	2
43	4285936	76	60	1	4217648	2426	36	691	4313856	17	1	13	4310320	2	1	1
44	4237264	2197	59	853	4202408	1952	36	870	4338416	9	1	1	4282848	1	1	1
45	4223776	12592	58	836	4313856	67	34	53	4279944	9	1	7	4285784	1	1	1
46	4217648	2521	54	694	4225728	1442	33	1	4315432	8	1	1	4274064	1	1	1
47	4281480	8423	52	5067	4235112	227	33	73	4273664	3	1	3	4229952	1	1	1
48	4202408	2018	48	922	4213632	168	32	153	4231536	3	1	3	4233712	1	1	1
49	4272112	77	48	72	4272112	78	32	74	4318104	2	1	1	4233720	1	1	1
50	4277328	2360	47	618	4229928	65	32	65	4335024	2	1	1	4229888	1	1	1
51	4224088	844	47	667	4211952	1143	31	698	4317944	2	1	1	4274168	1	1	1
52	4254912	834	42	739	4302704	68	28	62	4340912	2	1	2	4274272	1	1	1
53	4217256	2504	39	2141	4280312	27	27	27	4310264	2	1	1	4194624	1	1	1
54	4271512	73	38	62	4221848	2261	26	689	4310208	2	1	1	4337944	1	1	1
55	4223888	3833	36	1555	4313848	61	26	50	4310320	2	1	1	4316192	1	1	1
56	4281424	2540	36	1880	4211896	323	25	295	4274336	2	1	2	4328760	1	1	1
57	4281248	1398	35	983	4220552	12971	22	939	4317184	2	1	1	4340816	1	1	1
58	4212328	998	35	1	4255368	2696	21	1325	4285784	1	1	1	4313128	1	1	1
59	4221864	8179	32	316	4223960	2279	21	749	4229952	1	1	1	4309696	1	1	1
60	4229928	65	32	65	4237264	2204	21	862	4286096	1	1	1	4338560	1	1	1
61	4223640	11653	31	1	4212328	983	21	1	4233720	1	1	1	4324704	1	1	1
62	4225728	1426	31	1	4211656	514	21	494	4233712	1	1	1	4216352	81945	0	37379
63	4276792	1149	30	952	4281496	8110	20	5178	4282848	1	1	1	4219304	53987	0	6780
64	4217624	809	30	341	4234976	196	20	49	4274168	1	1	1	4219552	39859	0	5808
Total L1 Misses	1562791			Total L1 Misses	1560691			Total L1 Misses	1562109			Total L1 Misses	1561013			Total L1 Misses
Total L2 Misses	76904			Total L2 Misses	36455			Total L2 Misses	784			Total L2 Misses	583			Total L2 Misses
Total EAs	1661			Total EAs	1674			Total EAs	1638			Total EAs	1640			Total EAs
Total EAs (Miss)	742			Total EAs (Miss)	747			Total EAs (Miss)	729			Total EAs (Miss)	723			Total EAs (Miss)
Total EAs (Hit)	919			Total EAs (Hit)	927			Total EAs (Hit)	909			Total EAs (Hit)	917			Total EAs (Hit)
Only 1 EA	6			Only 1 EA	7			Only 1 EA	19			Only 1 EA	30			Only 1 EA
Only 2 EA	6			Only 2 EA	7			Only 2 EA	22			Only 2 EA	33			Only 2 EA
Only 3 EA	6			Only 3 EA	7			Only 3 EA	25			Only 3 EA	34			Only 3 EA
Only 4 EA	6			Only 4 EA	7			Only 4 EA	25			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	461544	25356	46464	4217352	455695	11361	46037	4285168	464	228	464	4285168	464	228	464
2	4218136	382707	19719	44801	4218136	382969	7218	45038	4226040	144	54	144	4226040	147	48	146
3	4217168	37701	11219	18127	4217168	37698	6103	18073	4217352	458458	42	45569	4229928	64	32	64
4	4216352	82859	3744	33912	4216352	82714	1028	34761	4229928	64	32	64	4280312	32	32	32
5	4219304	53826	1461	6302	4217160	8878	614	3062	4280312	32	32	32	4302704	50	28	50
6	4218160	23138	1214	9476	4219552	40860	612	5557	4219240	9371	30	373	4217352	460264	20	45661
7	4219552	41086	1133	5550	4219304	53571	589	6249	4302704	50	28	50	4272112	34	16	33
8	4217576	12065	773	2322	4219240	9332	581	359	4217576	11857	24	2165	4217576	11736	9	2137
9	4221952	1520	645	131	4218160	22836	541	9531	4272112	41	22	40	4271512	36	8	32
10	4219176	343	324	35	4217576	11978	449	2295	4218136	383092	21	43414	4271456	22	6	22
11	4217736	11180	322	2417	4221952	1520	379	109	4216352	82652	17	34132	4282648	14	6	14
12	4217456	9074	265	848	4285168	461	229	461	4271512	38	9	33	4218136	383171	5	43327
13	4285168	468	234	468	4219176	336	157	33	4279776	118	8	85	4313856	5	5	5
14	4219520	400	226	51	4217736	11325	152	2506	4271456	21	7	21	4290856	9	4	8
15	4219240	9328	197	369	4217456	8984	131	823	4282648	14	6	14	4219240	9361	3	361
16	4245792	4206	191	1692	4226040	161	114	156	4279872	157	4	139	4271992	73	3	61
17	4234952	231	136	43	4218096	1029	99	153	4290856	9	4	8	4231536	5	3	5
18	4226040	162	130	162	4255376	929	99	768	4271992	71	3	60	4280480	3	3	3
19	4217160	8875	127	3108	4220680	1818	93	1067	4231536	5	3	5	4219176	328	2	28
20	4222616	2438	121	1107	4222616	2298	92	915	4313856	4	3	4	4237176	167	2	38
21	4220552	3507	107	483	4219520	385	86	44	4280480	3	3	3	4288288	13	2	9
22	4277032	6166	105	1583	4255360	940	82	790	4221568	1804	2	180	4313848	5	2	5
23	4277344	2031	91	1178	4255344	742	73	584	4219176	324	2	26	4328808	3	2	3
24	4285936	127	91	1	4224560	1400	71	498	4279808	186	2	166	4221952	1496	1	118
25	4217632	1569	89	548	4277344	1961	64	1025	4237176	163	2	42	4217624	699	1	246
26	4220680	1803	88	1114	4285936	112	63	1	4288288	13	2	9	4219520	386	1	26
27	4235112	148	86	49	4217256	1533	59	1507	4313848	4	2	4	4290504	188	1	1
28	4237176	173	83	42	4217632	1586	57	531	4328808	3	2	3	4315280	18	1	1
29	4281496	937	72	925	4234952	205	55	38	4219552	40980	1	5480	4272568	14	1	14
30	4218096	1028	70	159	4254840	154	55	1	4245792	4214	1	1674	4288040	11	1	1
31	4237280	1940	68	639	4290504	177	52	1	4221952	1479	1	115	4279944	7	1	6
32	4290504	195	68	1	4281384	870	50	766	4276960	421	1	27	4338416	7	1	1
33	4224560	1399	66	595	4223640	87	47	1	4219520	383	1	33	4315432	4	1	1
34	4255360	864	54	746	4224088	371	46	336	4290504	187	1	1	4274336	2	1	2
35	4222600	1154	53	518	4222600	1095	45	440	4219104	122	1	44	4273664	2	1	2
36	4255376	705	52	635	4223888	1070	44	601	4279816	112	1	96	4340912	2	1	2
37	4217256	1503	47	1471	4202408	830	42	472	4217544	36	1	26	4317184	2	1	1
38	4217648	2140	43	454	4220424	64	40	1	4315280	16	1	1	4317944	2	1	1
39	4255344	632	42	521	4225728	147	39	1	4272568	13	1	13	4310320	2	1	1
40	4223776	3334	41	450	4245792	4197	38	1689	4288040	11	1	1	4310264	2	1	1
41	4221336	1310	39	180	4277328	783	37	303	4338416	7	1	1	4318104	2	1	1
42	4277328	834	39	418	4277032	6159	33	1602	4279944	6	1	6	4335024	2	1	1
43	4281384	763	39	698	4211952	401	32	333	4315432	5	1	1	4310208	2	1	1
44	4225728	147	39	1	4229928	64	32	64	4274336	2	1	2	4233720	1	1	1
45	4224088	343	38	323	4280312	32	32	32	4310208	2	1	1	4285784	1	1	1
46	4237264	1566	36	643	4223960	614	31	283	4310264	2	1	1	4229952	1	1	1
47	4223888	1090	32	620	4281248	556	31	483	4310320	2	1	1	4274064	1	1	1
48	4229928	64	32	64	4235112	136	31	1	4317944	2	1	1	4274168	1	1	1
49	4237288	62	32	5	4313856	35	30	28	4318104	2	1	1	4274272	1	1	1
50	4280312	32	32	32	4281144	219	29	213	4317184	2	1	1	4233712	1	1	1
51	4276960	442	31	35	4211656	212	28	210	4335024	2	1	1	4229888	1	1	1
52	4254912	373	31	368	4302704	50	28	50	4340912	2	1	2	4282848	1	1	1
53	4211656	193	31	191	4212328	179	27	1	4285784	1	1	1	4194624	1	1	1
54	4220424	64	31	1	4237176	118	27	36	4282848	1	1	1	4328760	1	1	1
55	4202408	762	30	436	4237280	1895	26	634	4229952	1	1	1	4337944	1	1	1
56	4276792	380	30	370	4221848	559	26	250	4274272	1	1	1	4324704	1	1	1
57	4271512	39	29	34	4313848	38	26	31	4274168	1	1	1	4309696	1	1	1
58	4281248	559	28	508	4272112	39	25	36	4274064	1	1	1	4313128	1	1	1
59	4254840	154	28	1	4211896	208	23	202	4233720	1	1	1	4316192	1	1	1
60	4302704	50	28	50	4213632	86	23	81	4233712	1	1	1	4340816	1	1	1
61	4211952	338	27	284	4286024	29	23	1	4229888	1	1	1	4338560	1	1	1
62	4223640	87	27	1	4217648	2173	21	494	4194624	1	1	1	4216352	82644	0	34628
63	4286024	27	27	1	4281496	976	19	955	4309696	1	1	1	4219304	53675	0	6217
64	4302712	360	24	315	4202392	334	19	199	4338560	1	1	1	4219552	41018	0	5472
Total L1 Misses	1215420			Total L1 Misses	1208851			Total L1 Misses	1210812			Total L1 Misses	1212576			
Total L2 Misses	70639			Total L2 Misses	33014			Total L2 Misses	636			Total L2 Misses	507			
Total EAs	1633			Total EAs	1631			Total EAs	1606			Total EAs	1615			
Total EAs (Miss)	534			Total EAs (Miss)	524			Total EAs (Miss)	511			Total EAs (Miss)	502			
Total EAs (Hit)	1099			Total EAs (Hit)	1107			Total EAs (Hit)	1095			Total EAs (Hit)	1113			
Only 1 EA	7			Only 1 EA	9			Only 1 EA	24			Only 1 EA	30			
Only 2 EA	7			Only 2 EA	9			Only 2 EA	26			Only 2 EA	33			
Only 3 EA	7			Only 3 EA	9			Only 3 EA	28			Only 3 EA	35			
Only 4 EA	7			Only 4 EA	9			Only 4 EA	30			Only 4 EA	35			

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	4356024	111669	38290	5227	4356024	111523	42105	5128	4356024	114715	4143	5527	4207992	1237	516	1237
2	4356016	53362	13889	2509	4356016	53474	15097	2453	4356016	50993	1400	2579	4368576	31909	182	13267
3	4254016	37558	5901	10601	4254016	37436	8180	10235	4443048	18201	1015	9448	4561136	176	155	173
4	4520584	8408	4984	515	4520584	8426	5035	501	4207992	1237	516	1237	4399864	361	95	295
5	4368368	97410	4159	75325	4368368	97398	3185	75225	4254016	39029	389	10504	4368400	1479	60	1070
6	4443048	18177	3545	9421	4356008	22746	2668	1857	4368576	31892	325	13350	4352520	360	60	304
7	4356008	22684	2640	1877	4443048	18185	2250	9487	4356008	22211	240	1941	4446112	19756	53	2246
8	4252728	2048	1016	44	4252728	2048	1016	44	4253976	6105	193	1313	4368592	21386	51	10878
9	4253976	6105	984	1328	4253976	6140	1014	1322	4368368	97503	185	75472	4520584	8420	22	593
10	4254472	2233	957	346	4254472	2252	959	353	4561136	209	185	195	4499328	92	21	47
11	4376568	342532	757	2766	4531096	1376	738	90	4376568	342320	162	2749	4444048	4809	17	841
12	4531096	1341	742	80	4477464	2202	686	278	4446112	19736	160	2234	4445488	66	17	28
13	4477464	2266	728	275	4425832	1924	640	61	4425832	1929	160	74	4508048	469	16	89
14	4425832	1922	640	58	4313840	1024	640	91	4313840	1024	160	108	4561168	224	14	222
15	4313840	1024	640	90	4446112	18566	576	2108	4501288	271	159	1	4419144	21	13	20
16	4446112	18762	574	2273	4376568	342497	575	2793	4314288	1024	135	137	4510648	20	12	19
17	4254032	15463	555	4979	4532192	1456	529	89	4315376	1024	132	52	4499120	47	10	16
18	4207992	1237	516	1237	4207992	1237	516	1237	4253944	128	128	1	4499536	193	9	44
19	4314288	1024	512	113	4314288	1026	512	122	4254248	156	127	1	4376600	119210	8	1909
20	4315376	1024	512	27	4315376	1024	512	27	4257920	129	127	1	4444824	16636	7	484
21	4532192	1424	501	91	4500528	647	349	6	4253456	126	126	1	4368408	1288	6	905
22	4368576	31951	496	13434	4532096	402	344	47	4254472	2165	121	341	4367336	1030	6	130
23	4445096	24007	488	19387	4589800	340	331	20	4258520	127	107	1	4493328	776	6	15
24	4355920	11274	437	3845	4368576	32007	327	13423	4399864	432	103	347	4508064	400	6	73
25	4532096	406	354	48	4501448	657	323	58	4520584	8420	101	597	4589800	339	6	23
26	4500528	647	327	7	4502584	523	258	39	4562992	238	99	1	4376568	342215	5	2769
27	4589800	336	327	17	4508048	488	257	90	4418888	1485	95	106	4425832	1934	5	79
28	4497440	863	316	154	4501288	271	256	1	4368400	1480	90	1122	4313840	1024	5	100
29	4495664	544	268	161	4317000	256	256	5	4477464	2176	81	280	4501448	653	5	44
30	4508048	477	260	87	4372216	11150	252	8009	4419392	339	81	57	4508176	68	5	25
31	4502584	522	256	38	4477408	454	237	84	4368592	21393	80	10886	4433008	49061	4	684
32	4495736	434	256	209	4495664	542	232	157	4497032	775	78	280	4432968	33476	4	432
33	4317000	256	256	5	4498776	271	232	2	4352520	354	72	309	4532192	1190	4	89
34	4501288	271	253	1	4508064	393	185	63	4495736	410	69	201	4314288	1025	4	120
35	4501448	653	212	54	4561136	190	175	188	4589800	295	67	16	4315376	1024	4	42
36	4498776	271	207	1	4500616	171	167	15	4251600	127	67	1	4496032	283	4	71
37	4477408	402	188	85	4560832	822	156	36	4495664	536	65	161	4418664	232	4	33
38	4407280	512	186	44	4497440	869	154	144	4511864	114	65	1	4258008	146	4	10
39	4372216	11148	182	7980	4562992	228	144	1	4501448	658	61	50	4499088	108	4	33
40	4497032	699	180	276	4532720	400	142	1	4500528	647	60	8	4563872	12	4	7
41	4254000	2939	178	474	4445424	21790	128	506	4532192	1206	58	92	4510640	8	4	8
42	4561136	191	176	187	4445368	17089	128	499	4589048	494	58	100	4372188	12007	3	6793
43	4496920	285	172	64	4258320	2087	128	1	4500616	183	48	13	4418888	1327	3	103
44	4368592	21444	168	11029	4254448	1462	128	1	4254272	165	46	54	4486032	1027	3	633
45	4444048	4891	166	935	4315928	256	128	13	4562976	216	44	1	4532096	597	3	50
46	4445720	106871	164	74923	4257920	130	128	1	4532096	559	42	56	4589488	167	3	30
47	4399864	418	157	345	4564232	129	128	1	4496032	220	40	10	4499592	107	3	86
48	4376176	93558	147	21030	4533792	128	128	1	4498776	271	38	1	4563864	9	3	8
49	4532720	400	146	1	4533816	128	128	1	4477408	497	37	84	4513376	6	3	1
50	4560832	822	145	43	4390944	128	128	1	4418664	234	37	35	4250992	3	3	3
51	4500616	155	137	14	4533904	128	128	1	4533792	130	35	1	4552904	3	3	3
52	4258320	2088	136	1	4309392	128	128	1	4502584	522	34	42	4432984	50168	2	759
53	4445424	21777	128	513	4399864	434	127	369	4317000	66	34	5	4445368	17102	2	504
54	4445368	17071	128	503	4253456	128	127	1	4445368	17090	33	476	4368248	2330	2	1337
55	4315928	256	128	10	4251600	127	127	1	4560832	822	33	39	4367480	877	2	120
56	4564232	128	128	1	4317008	510	126	10	4315928	256	33	9	4486064	772	2	554
57	4390944	128	128	1	4495736	449	126	209	4564232	128	33	1	4500528	647	2	8
58	4253456	128	128	1	4528808	133	126	1	4317008	699	32	19	4502584	525	2	35
59	4309392	128	128	1	4520456	254	123	1	4445424	21789	31	507	4485920	291	2	206
60	4253944	128	128	1	4499536	207	121	38	4254032	14816	31	4511	4418832	236	2	65
61	4533792	128	128	1	4368592	21424	119	10897	4390944	128	31	1	4567744	86	2	11
62	4533816	128	128	1	4368128	8826	109	7253	4532720	400	29	1	4520512	78	2	24
63	4533904	128	128	1	4258008	166	107	13	4533816	128	29	1	4499392	77	2	16
64	4528808	133	127	1	4499456	156	101	27	4309392	128	28	1	4502656	58	2	13
Total L1 Misses	4144183				4145151				4147190				4146540			
Total L2 Misses	99189				98738				13554				1580			
Total EAs	4138				4140				4173				4162			
Total EAs (Miss)	1486				1477				1516				1513			
Total EAs (Hit)	2652				2663				2657				2649			
Only 1 EA	13				16				17				1			
Only 2 EA	13				17				17				1			
Only 3 EA	13				17				17				3			
Only 4 EA	13				17				17				3			

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	4356024	91226	37300	3040	4356024	91217	41241	2907	4356024	93263	4245	3196	4207992	1032	516	1032
2	4356016	34709	13698	1300	4356016	34472	15015	1230	4356016	32784	1291	1321	4368576	18369	170	8854
3	4254016	14817	5765	3608	4254016	14922	7951	3641	4443048	10823	921	4235	4561136	166	155	166
4	4520584	8398	4979	483	4520584	8427	5078	539	4207992	1032	516	1032	4368400	1177	60	867
5	4368368	73335	4032	62094	4356008	10383	3734	572	4254016	14613	389	3224	4352520	248	50	210
6	4443048	10829	3578	4199	4368368	73336	3005	62214	4368576	18371	296	8870	4446112	6900	42	1519
7	4356008	10071	3502	588	4443048	10835	2036	4221	4356008	10052	221	611	4368592	7236	36	5166
8	4252728	2046	1016	44	4253976	1847	1019	639	4253976	1843	192	598	4520584	8441	22	566
9	4253976	1826	986	619	4252728	2046	1016	43	4561136	202	184	195	4399864	29	15	25
10	4254472	1616	946	185	4254472	1603	923	197	4425832	1152	160	58	4561168	218	14	218
11	4531096	1352	765	72	4531096	1374	778	82	4313840	1024	160	91	4445488	22	14	6
12	4477464	1050	681	90	4477464	1057	664	96	4501288	256	159	1	4499120	17	13	6
13	4376568	12537	646	671	4425832	1152	640	48	4368368	73337	157	62288	4444048	4514	12	750
14	4425832	1152	640	43	4313840	1024	640	84	4446112	6891	143	1449	4510648	20	12	19
15	4313840	1024	640	76	4446112	6906	560	1505	4314288	1026	135	145	4444824	2610	11	104
16	4446112	6901	557	1561	4207992	1032	516	1032	4315376	1024	132	53	4353824	242	11	43
17	4254032	14485	523	3542	4532192	1428	515	67	4253944	128	128	1	4499536	205	10	39
18	4207992	1032	516	1032	4376568	12593	513	680	4257920	128	127	1	4508048	231	9	17
19	4314288	1024	512	110	4314288	1025	512	114	4254248	127	127	1	4419144	10	9	10
20	4315376	1024	512	27	4315376	1024	512	27	4253456	126	126	1	4508064	173	8	36
21	4445096	26906	509	20668	4500528	390	373	5	4254472	1564	123	188	4563872	15	7	9
22	4532192	1412	481	84	4532096	396	352	34	4376568	12583	121	676	4496920	296	6	83
23	4368576	18370	397	8883	4501448	520	350	47	4520584	8429	102	567	4508176	64	6	18
24	4355920	9461	368	2126	4368576	18388	319	8932	4368400	1139	90	849	4499328	42	6	13
25	4532096	396	353	38	4589800	312	305	20	4562992	193	88	1	4532192	1222	5	79
26	4500528	390	328	6	4372216	7100	278	5678	4418888	155	87	10	4425832	1152	5	61
27	4589800	318	312	18	4477408	1355	269	125	4589800	310	85	21	4313840	1024	5	84
28	4497440	800	290	142	4502584	264	256	14	4477464	1054	78	98	4493328	518	5	12
29	4495664	541	266	158	4501288	256	256	1	4495736	410	74	193	4589800	311	5	20
30	4502584	264	256	13	4317000	256	256	5	4419392	148	72	1	4508168	27	5	17
31	4317000	256	256	5	4508048	254	254	19	4497032	754	69	274	4563864	13	5	9
32	4501288	256	253	1	4498776	256	231	1	4251600	127	67	1	4376568	12596	4	684
33	4477408	1357	250	125	4495664	539	229	156	4495664	536	65	158	4433008	3822	4	61
34	4508048	257	249	24	4561136	182	174	181	4368592	7211	64	5206	4444008	3573	4	1471
35	4495736	408	241	199	4508064	179	173	36	4352520	273	61	229	4444000	2908	4	1528
36	4497032	698	226	264	4560832	513	168	17	4500528	390	60	5	4314288	1025	4	152
37	4501448	516	213	49	4499536	244	167	37	4532192	1208	58	86	4315376	1024	4	45
38	4498776	256	207	1	4532720	256	153	1	4501448	515	57	45	4352360	460	4	4
39	4372216	7094	200	5718	4500616	152	152	9	4511864	89	57	1	4418664	155	4	7
40	4407280	512	186	29	4497440	814	145	150	4508048	233	53	23	4258008	154	4	10
41	4254000	1608	185	234	4562992	198	138	1	4562976	188	52	1	4510640	8	4	8
42	4445720	80800	183	58806	4445424	2185	128	159	4500616	188	46	12	4432992	4209	3	80
43	4561136	181	174	181	4445368	1695	128	182	4532096	553	44	43	4532096	571	3	45
44	4500616	174	162	13	4258320	1152	128	1	4254272	151	44	45	4501448	513	3	38
45	4560832	513	153	17	4315928	256	128	8	4496032	95	40	3	4499392	97	3	15
46	4532720	256	147	1	4257920	128	128	1	4498776	256	38	1	4508184	67	3	19
47	4499536	229	140	35	4309392	128	128	1	4477408	1344	37	126	4552904	3	3	3
48	4520456	322	130	1	4390944	128	128	1	4533792	128	36	1	4250992	3	3	3
49	4445368	1700	129	194	4564232	128	128	1	4445368	1695	34	187	4445368	1696	2	179
50	4445424	2173	128	176	4533816	128	128	1	4502584	264	34	21	4432968	1286	2	61
51	4315928	256	128	9	4254448	128	128	1	4560832	513	33	18	4368408	672	2	509
52	4390944	128	128	1	4533904	128	128	1	4315928	256	33	8	4500528	390	2	5
53	4309392	128	128	1	4533792	128	128	1	4564232	128	33	1	4368712	249	2	111
54	4533904	128	128	1	4253456	128	128	1	4317000	64	33	5	4499456	127	2	29
55	4533816	128	128	1	4317008	511	127	10	4317008	699	32	19	4418888	125	2	8
56	4564232	128	128	1	4251600	127	127	1	4418784	86	32	19	4530824	106	2	33
57	4253456	128	128	1	4528808	127	125	1	4254032	14214	31	3089	4433072	101	2	4
58	4253944	128	128	1	4520456	333	122	1	4445424	2182	31	175	4499088	82	2	20
59	4533792	128	128	1	4368128	1714	117	1416	4390944	128	31	1	4511888	71	2	1
60	4317008	511	127	10	4258008	158	99	13	4533816	128	29	1	4499608	6	2	6
61	4528808	127	127	1	4368400	1164	98	885	4532720	256	28	1	4542424	2	2	2
62	4257920	125	125	1	4567744	150	91	7	4309392	128	28	1	4317000	2	2	2
63	4475680	11999	124	5157	4497936	127	91	4	4528808	127	28	1	4528512	2	2	2
64	4499920	292	122	74	4498008	412	84	36	4490696	389	26	11	4445720	80656	1	58601
Total L1 Misses	2378194				2379071				2378470				2378567			
Total L2 Misses	97775				97758				12944				1402			
Total EAs	4123				4124				4142				4128			
Total EAs (Miss)	944				941				968				954			
Total EAs (Hit)	3179				3183				3174				3174			
Only 1 EA	14				17				18				1			
Only 2 EA	14				17				18				4			
Only 3 EA	14				17				19				6			
Only 4 EA	14				18				19				8			

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	94346	38034	4573	4356024	94071	42366	4483	4356024	96083	4000	4867	4207992	1082	516	1082	4356024	90350	37973	1833	4356024	90250	42074	1773	4356024	91619	3974	1886	4207992	1032	516	1032
2	4356016	41931	15488	2352	4356016	42201	17107	2321	4356016	40440	1700	2455	4561136	168	155	168	4356016	40489	16658	1030	4356016	40648	18481	967	4356016	39196	1701	957	4368576	1425	169	1190
3	4254016	14758	6174	3516	4254016	14835	8079	3560	4443048	11385	767	4512	4368576	10409	148	4173	4254016	14603	5809	3422	4254016	14717	7953	3472	4207992	1032	516	1032	4561136	166	156	166
4	4520584	8342	5115	504	4520584	8343	5056	506	4207992	1082	516	1082	4368400	397	60	314	4520584	8337	5111	515	4520584	8330	5045	484	4254016	14340	386	2956	4368400	137	60	114
5	4368368	66444	3957	55816	4368368	66434	2394	55808	4254016	14454	391	3060	4352520	203	56	175	4368368	70561	2794	59928	4368368	70556	1260	60015	4368576	1405	264	1163	4352520	87	57	76
6	4443048	11342	2932	4480	4443048	11360	1407	4493	4368576	10427	286	4220	4368592	4064	38	2430	4443048	8539	2099	2334	4252728	2043	1016	42	4443048	8541	244	2329	4368592	782	44	657
7	4252728	2045	1016	42	4252728	2045	1016	42	4501288	260	207	1	4399864	85	29	70	4252728	2043	1016	41	4253976	1662	1013	539	4253976	1664	195	563	4520584	8378	22	593
8	4253976	1886	988	669	4253976	1913	1013	682	4253976	1884	189	593	4446112	3998	27	1075	4253976	1664	993	542	4254472	1503	919	165	4561136	179	176	179	4446112	1027	16	395
9	4254472	1534	952	175	4254472	1517	927	169	4561136	190	178	187	4520584	8367	22	556	4254472	1537	947	157	4531096	1342	779	78	4425832	1152	165	51	4399864	21	15	20
10	4356008	6019	772	1102	4356008	6003	759	1087	4425832	1152	161	58	4561168	218	14	218	4531096	1358	775	84	4477464	1551	685	102	4501288	256	161	1	4561168	209	13	209
11	4531096	1350	756	81	4531096	1360	748	90	4313840	1024	160	87	4508048	274	13	51	4477464	1583	718	104	4425832	1152	640	32	4313840	1024	158	73	4499120	29	13	8
12	4477464	1746	725	233	4477464	1743	705	225	4368368	66416	159	55912	4510648	20	12	19	4376568	1908	671	363	4313840	1024	640	74	4376568	1906	139	349	4510648	20	12	19
13	4376568	8952	713	952	4425832	1152	640	41	4376568	8968	149	956	4499120	33	11	6	4425832	1152	640	35	4376568	1900	521	348	4314288	1025	134	138	4508048	237	10	17
14	4425832	1152	640	43	4313840	1024	640	76	4314288	1025	135	149	4445488	23	11	13	4313840	1024	640	66	4532192	1424	518	80	4315376	1024	131	52	4508064	180	9	38
15	4313840	1024	640	83	4376568	8969	546	959	4315376	1024	132	56	4499328	47	10	24	4207992	1032	516	1032	4207992	1032	516	1032	4254472	1465	127	175	4499536	200	8	39
16	4446112	4003	520	1052	4532192	1438	520	75	4446112	3992	129	1050	4376568	8937	8	947	4314288	1024	512	108	4315376	1024	512	27	4253456	127	127	1	4258008	161	8	13
17	4207992	1082	516	1082	4207992	1082	516	1082	4253456	127	127	1	4444824	432	8	78	4315376	1024	512	27	4314288	1024	512	117	4520584	8390	124	539	4499088	117	7	29
18	4532192	1459	513	87	4446112	3995	515	1067	4257920	127	126	1	4258008	159	8	12	4532192	1443	499	83	4443048	8539	507	2303	4257920	124	123	1	4589800	298	6	17
19	4314288	1026	512	121	4314288	1026	512	122	4254248	125	125	1	4493328	778	7	14	4446112	1027	499	388	4446112	1025	497	381	4446112	1028	117	402	4532192	1202	5	81
20	4315376	1024	512	28	4315376	1024	512	27	4253944	128	123	1	4499536	207	7	43	4532096	401	348	35	4500528	384	361	6	4254248	117	117	1	4425832	1152	5	46
21	4254032	9727	504	2645	4500528	388	382	7	4254472	1472	118	160	4485920	173	7	122	4500528	384	328	5	4501448	526	354	46	4253944	128	99	1	4313840	1024	5	70
22	4368576	10469	428	4229	4532096	397	350	38	4520584	8397	112	594	4589800	300	6	18	4368576	1459	309	1219	4532096	395	349	37	4368368	70560	93	60038	4496920	290	5	85
23	4445096	7525	364	6453	4501448	647	337	57	4368400	393	91	309	4508064	192	6	43	4589800	299	299	15	4589800	298	298	18	4368400	143	90	117	4493328	272	5	9
24	4532096	400	347	39	4589800	303	301	22	4477464	1801	90	236	4499392	94	6	18	4508048	268	266	17	4508048	289	287	19	4477464	1584	87	106	4368408	91	5	72
25	4500528	388	327	6	4368576	10452	276	4170	4497032	771	88	286	4425832	1152	5	48	4502584	256	256	9	4477408	311	285	24	4495664	407	84	143	4499328	38	5	11
26	4589800	304	302	17	4508048	296	265	49	4562992	148	88	1	4313840	1024	5	81	4501288	256	256	1	4368576	1405	270	1170	4562992	134	78	1	4432968	7	5	4
27	4355920	3417	278	1558	4501288	260	256	1	4495664	536	82	153	4368408	240	5	181	4317000	256	256	5	4317000	256	256	5	4589800	290	74	13	4376568	1908	4	339
28	4508048	302	270	53	4502584	258	256	9	4589800	303	81	21	4563872	13	5	8	4477408	282	250	24	4502584	256	256	9	4251600	127	67	1	4314288	1025	4	135
29	4495664	545	269	158	4317000	256	256	5	4562976	116	73	1	4532192	1200	4	84	4495664	410	248	142	4501288	256	256	1	4419392	85	63	1	4315376	1024	4	43
30	4501288	260	256	1	4477408	338	254	43	4419392	117	71	4	4314288	1028	4	143	4497032	690	240	253	4495664	412	247	138	4532192	1210	62	86	4508176	69	4	16
31	4502584	258	256	10	4495664	540	241	152	4251600	127	67	1	4315376	1024	4	43	4501448	517	222	40	4498776	256	242	1	4500528	384	61	5	4508168	34	4	15
32	4317000	256	256	5	4498776	260	237	1	4500528	388	61	7	4367336	323	4	70	4498776	256	209	1	4508064	223	220	42	4511864	83	61	1	4563872	14	4	7
33	4477408	330	236	47	4372216	7614	216	5925	4508048	282	57	57	4496920	290	4	83	4356008	544	201	41	4560832	394	193	15	4497032	698	60	258	4510640	8	4	8
34	4501448	646	221	51	4508064	202	196	37	4501448	645	56	64	4508176	74	4	21	4560832	394	187	13	4561136	181	176	181	4501448	515	57	44	4433008	7	4	4
35	4498776	260	206	1	4560832	499	177	23	4532192	1181	55	86	4499608	20	4	6	4561136	175	171	175	4499536	248	164	45	4352520	95	57	78	4501448	513	3	38
36	4497440	640	205	112	4561136	182	174	182	4511864	88	54	1	4510640	8	4	8	4499536	236	161	36	4500616	162	162	10	4508048	242	54	14	4589552	200	3	32
37	4497032	743	203	274	4500616	166	166	11	4356008	5871	53	1116	4376600	1886	3	615	4500616	164	161	11	4532720	256	153	1	4562976	125	54	1	4444824	12	3	7
38	4495736	353	191	181	4532720	261	162	1	4352520	184	52	161	4501448	644	3	54	4355920	1722	160	306	4497768	257	143	1	4532096	547	49	44	4499136	4	3	3
39	4258320	384	186	1	4499536	216	150	34	4418888	86	52	7	4532096	586	3	45	4532720	256	149	1	4562992	146	139	1	4500616	185	48	12	4552904	3	3	3
40	4407280	512	185	30	4497768	259	136	1	4495736	364	50	194	4418664	100	3	7	4407280	512	138	28	4520456	244	131	1	4368592	778	45	633	4250992	3	3	3
41	4561136	184	178	184	4497440	635	130	102	4500616	179	48	13	4508168	30	3	14	4508064	179	135	33	4315928	256	128	7	4495736	321	43	175	4563864	3	3	2
42	4254000	2002	176	278	4562992	150	130	1	4368592	4040	47	2406	4542424	3	3	3	4520456	230	134	1	4445424	217	128	20	4317000	66	43	5	4254016	14331	2	2815
43	4496920	313	170	79	4445424	681	128	106	4254272	143	46	41	4250992	3	3	3	4315928	256	128	9	4445368	168	128	30	4498776	256	41	1	4532096	587	2	41
44	4508064	186	166	36	4445368	496	128	120	4532096	568	42	43	4552904	3	3	3	4445424	216	128	20	4533792	128	128	1	4418888	53	41	1	4500528	384	2	5
45	4560832	499	161	23	4258320	384	128	1	4496032	158	40	2	4563864	3	3	3	4445368	168	128	30	4533816	128	128	1	4496032	94	39	2	4445368	170	2	33
46	4445720	14154	159	12146	4315928	256	128	9	4399864	106	40	90	4433008	7823	2	298	4257920	128	128	1	4257920	128	128	1	4533792	128	37	1	4500616	156	2	10
47	4499536	216	157	27	4309392	128	128	1	4498776	260	38	1	4432992	6073	2	256	4533904	128	128	1	4533904	128	128	1	4254272	135	36	39	4511888	44	2	1
48	4532720	261	147	1	4390944	128	128	1	4533792	128	36	1	4500528	388	2	7	4253456	128	128	1	4309392	128	128	1	4502584	256	35	18	4561632	35	2	5
49	4376176	23804	145	7962	4254448	128	128	1	4502584	258	34	15	4499456	126	2	21	4533816	128	128	1	4390944	128	128	1	4445368	169	34	32	4418664	20	2	1
50	4500616	151	145	11	4564232	128	128	1	4317000	66	34	5	4499088	109	2	23	4564232	128	128	1	4564232	128	128	1	4564232	128	34	1	4432984	7	2	4
51	4372216	7623	134	5956	4533816	128	128	1	4560832	499	33	24	4418832	21	2	10	4390944	128	128	1	4253456	128	128	1	4560832	394	33	12	4432992	3	2	2
52	4445424	683	128	100	4533904	128	128	1	4445368	496	33	120	4508200	13	2	11	4533792	128	128	1	4254448	128	128	1	4317008	700	32	18	4218144	2	2	2
53	4445368	496	128	122	4533792	128	128	1	4315928	256	33	9	4511968	3	2	1	4309392	128	128	1	4317008	508	127	10	4315928	256	32	8	4317000	2	2	2
54	4315928	256	128	8	4317008	509	127	10	4564232	128	33	1	4499136	2	2	2	4258320	128	127	1	4251600	127	127	1	4390944	128	32	1	4539160	2	2	1
55	4257920	129	128	1	4520456	242	127	1	4390944	128	33	1	4317000	2	2	2	4528808	127	127	1	4528808	127	126	1	4445424	216	31	26	4356024	91753	1	1834
56	4564232	128	128	1	4528808	129	127	1	4317008	700	32	18	4356024	96397	1	4844	4317008	507	126	10	4258320	128	112	1	4520456	235	30	1	4531096	1591	1	98
57	4309392	128	128	1	4253456	128	127	1	4445424	695	31	113	4254016	14449	1	2946	4496920	310	121	80	4567744	168	104	7	4477408	287	29	22	4444048	1070	1	316
58	4533816	128	128	1	4251600	127	127	1	4477408	322	31	48	4371288	3653	1	2641	4497440	634	120	101	4368400	134	99	111	4532720	256	29	1	4560832	394	1	13
59	4390944	128	128	1	4257920	126	126	1	4533816	128	30	1	4432992	3609	1	110	4495736	319	117	177	4498008	420	94	29	4533816	128	29	1	4480696	262	1	5
60	4533904	128	128	1	4368400	400	106	309	4495920	235	29	10	4444048	2345	1	480	4251600	127	109	1	4497936	115	94	5	4309392	128	29	1	4498008	257	1	5
61	4533792	128	128	1	4368128	1833	104	1437	4532720	261	28	1	4368128	1827	1	1432	4497936	119	109	4	4531176	395	90	33	4528808	127	29	1	4532720	256	1	1
62	4253456	128	128	1	4567744	156	97	7	4528808	129	28	1	4531096	1579	1	99	4480696	257	108	2	4356008	483	85	37	4480696	258	27	3	4501288	256	1	1
63	4528808	129	127	1	4258008	158	91	9	4309392	128	28	1	4433072	1420	1	107	4368400	140	101	118	4258008	162	84	12	4498008	310	25	26	4502584	256	1	9
64	4317008	509	126	10	4499456	104	89	25	4480696	271	27	12	4445424	686	1	113	4567744	167	100	6	4257232	128	79	1	4257504	127	24	1	4315928	256	1	12
Total L1 Misses	781828			Total L1 Misses	781772			Total L1 Misses	780897			Total L1 Misses	780905			Total L1 Misses	331147			Total L1 Misses	330236			Total L1 Misses	330340						
Total L2 Misses	97240			Total L2 Misses	96854			Total L2 Misses	12853			Total L2 Misses	1358			Total L2 Misses	91213			Total L2 Misses	94307			Total L2 Misses	11822			Total L2 Misses	1318		
Total EAs	4125			Total EAs	4119			Total EAs	4145			Total EAs	4139			Total EAs	4109			Total EAs	4099			Total EAs	4130			Total EAs	4119		
Total EAs (Miss)	1189			Total EAs (Miss)	1183			Total EAs (Miss)	1191			Total EAs (Miss)	1202			Total EAs (Miss)	555			Total EAs (Miss)	554			Total EAs (Miss)	567			Total EAs (Miss)	556		
Total EAs (Hit)	2936			Total EAs (Hit)	2936			Total EAs (Hit)	2954			Total EAs (Hit)	2937			Total EAs (Hit)	3554			Total EAs (Hit)	3545			Total EAs (Hit)	3563			Total EAs (Hit)	3563		
Only 1 EA	13			Only 1 EA	18			Only 1 EA	17			Only 1 EA	1			Only 1 EA	15			Only 1 EA	19			Only 1 EA	21			Only 1 EA	5		
Only 2 EA	13			Only 2 EA	18			Only 2 EA	18			Only 2 EA	3			Only 2 EA	16			Only 2 EA	19			Only 2 EA	22			Only 2 EA	9		
Only 3 EA	13			Only 3 EA	18			Only 3 EA	18			Only 3 EA	7			Only 3 EA	16			Only 3 EA	19			Only 3 EA	23			Only 3 EA	12		
Only 4 EA	13			Only 4 EA	18			Only 4 EA	19			Only 4 EA	7			Only 4 EA	17			Only 4 EA	19			Only 4 EA	23			Only 4 EA	15		

	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	4326128	4564336	1728098	22541	4326128	4564324	1896795	22648	4639248	194522	190768	183935	4639248	199925	196376	189079	4326128	4566521	1726715	23164	4326128	4566526	1895408	23087	4639248	194748	191167	183070	4639248	199809	196353	188963
2	4639248	234808	233288	215442	4639248	236621	235043	217457	4566744	162558	133917	125300	4566744	165418	135706	127738	4639248	234716	233217	215947	4639248	236416	234929	217315	4566744	158243	129669	120203	4566744	160151	131105	122893
3	4566656	170382	148290	166586	4566744	156805	148509	119470	4569112	145455	113289	142335	4569112	145385	113034	142262	4566656	170212	147534	165071	4566656	170210	146235	165041	4566656	170208	101269	165053	4566656	170199	99142	165081
4	4566744	155997	147735	119487	4566656	170385	147028	166586	4566656	170389	103037	166258	4566656	170384	99573	166613	4566744	153293	145399	116486	4566744	151973	143869	114755	4569112	122071	97634	118672	4569112	121501	97252	117999
5	4569112	145166	131946	142153	4569112	145726	132034	142561	4454576	578082	89197	280810	4454576	578127	88792	278677	4569112	121561	113576	118109	4569112	121853	113942	118461	4454576	233198	89050	194952	4454576	231201	88994	194740
6	4454576	578454	95296	280056	4454576	578295	91495	279007	4285360	158057	84381	158057	4285360	158057	84381	158057	4454576	232433	92238	195244	4454576	231867	91906	195087	4285360	156404	84773	156404	4285360	156404	84772	156404
7	4309296	169099	85815	168435	4285360	158052	84380	158052	4309296	168471	83452	167869	4309296	168509	83752	168240	4285360	156415	84775	156415	4309296	169355	84895	169347	4309296	169076	84618	169069	4309296	169199	84605	169197
8	4285360	158043	84378	158043	4309296	168141	83614	167870	4444816	129431	60458	129338	4444816	130899	61634	130822	4569136	88438	82556	85141	4285360	156400	84773	156400	4569136	87898	69495	84676	4569136	88413	70102	85145
9	4569136	70921	64062	68512	4444816	136026	64397	135911	4569136	70432	54152	67891	4569136	70525	54141	68121	4309296	158200	80994	158197	4569136	88146	82073	84795	4444816	100949	48693	100948	4588704	98943	46502	98097
10	4444816	128327	60356	128199	4569136	70766	63809	68425	4588704	523215	46696	318112	4588704	524982	46516	320125	4450584	184275	53931	100176	4450584	183639	52293	98867	4588704	99390	46523	98210	4450584	185806	46291	100406
11	4450584	745401	55949	117564	4450584	747524	52085	117290	4450584	746080	46526	117486	4450584	747322	46033	117643	4444696	78938	48105	78943	4444816	103404	50455	103401	4450584	184832	46497	99280	4422744	99401	46082	99383
12	4588704	527357	48229	322864	4588704	519393	46566	314759	4422744	230189	38816	221218	4422744	231855	38703	221368	4422744	98834	48095	98813	4422744	99357	46583	99338	4422744	99498	46242	99481	4444816	97069	44508	97067
13	4450480	134914	43174	127866	4450480	132916	40798	126920	4450480	134374	34750	128873	4450480	133309	34439	127508	4588704	99261	46895	98282	4588704	99322	46556	98345	4450480	97492	34911	94064	4444696	62037	34378	61951
14	4422744	229301	40113	218242	4422744	229635	39049	222213	4456192	91698	27989	76206	4456192	93363	27981	75374	4450480	95832	41831	91445	4450480	97020	40542	92611	4567640	33615	31044	32974	4450480	95548	34352	92192
15	4567640	40131	34622	38902	4567640	40646	34528	39454	4444696	116346	27985	90402	4444696	114581	27046	88618	4444816	95945	41158	95944	4567640	39995	39305	38993	4444696	56245	28742	56130	4567640	31057	28807	30514
16	4444696	110691	29569	85104	4456192	91705	27999	76393	4567640	34743	27397	33828	4567640	32192	25472	31345	4567640	38015	37174	37047	4444696	55672	29019	55573	4326128	4566517	23948	23611	4456192	56576	27981	45669
17	4456192	93275	28226	75682	4444696	109705	24879	83634	4326128	4564306	17294	23315	4207248	97563	10681	97563	4456192	56576	28118	40497	4456192	56577	28001	40424	4207248	57079	10778	57079	4207248	56855	10682	56855
18	4207248	97390	13675	97390	4207696	64307	11276	23706	4207248	97462	11004	97462	4278320	103204	10631	103148	4207248	56634	12328	56634	4207696	110219	11235	21582	4207696	98062	10635	21575	4207696	97437	10631	21553
19	4207696	64168	11480	23743	4196056	97029	11003	95384	4207696	64357	10656	23726	4207696	64097	10631	23654	4207696	120298	11450	21620	4196056	24687	10963	23174	4278320	21276	10634	21276	4278320	21273	10630	21273
20	4196056	96710	11306	95055	4592120	412230	10952	61962	4639360	22163	10642	21489	4639360	22185	10627	21491	4196056	24682	11219	23178	4592120	23444	10839	13022	4639360	21747	10631	21287	4639360	21688	10627	21296
21	4592120	413706	11179	62003	4207248	97606	10775	97606	4278320	104008	10634	103948	4346464	27158	10626	27158	4592120	23083	10726	12652	4207248	56834	10762	56834	4346464	21250	10625	21250	4346464	21251	10626	21251
22	4278320	99926	10701	99849	4639360	22170	10660	21501	4346464	27158	10626	27158	4592120	412907	9495	61943	4639360	21762	10679	21300	4639360	21720	10656	21294	4592120	22695	9654	12918	4592120	21268	9501	13025
23	4639360	22200	10666	21510	4278320	103186	10638	103104	4592120	413553	9640	62171	4311024	17609	7422	17609	4278320	21275	10664	21274	4278320	21276	10637	21275	4456192	56555	8403	17155	4444944	8706	7118	7503
24	4346464	27159	10631	27159	4346464	27159	10626	27159	4444944	12998	7663	11429	4444944	12619	6894	11163	4346464	21251	10630	21251	4346464	21250	10625	21250	4444944	9191	7615	7919	4569072	15197	6259	15186
25	4311024	19515	8795	19515	4444944	12788	7908	11341	4311024	17886	7560	17886	4569152	111326	5568	109846	4444944	9384	8290	7657	4444944	8816	8096	7572	4444680	14242	6954	9098	4444800	7194	5294	7192
26	4444944	12390	8367	10736	4311024	17873	7573	17873	4196056	95795	5944	94120	4196056	96750	4893	95059	4569072	15155	7433	15152	4569072	15182	7270	15179	4569072	15231	6259	15213	4444680	10864	5287	7028
27	4338128	109562	7874	270	4569152	112913	6654	111308	4569152	111526	5638	109965	4569072	119523	4508	118159	4338184	12235	6718	223	4444680	13347	6693	9083	4569152	12762	5197	12752	4569152	12924	5232	12920
28	4589832	69667	7152	23030	4338184	26227	5997	308	4569072	119899	4529	118563	4326128	4564314	3730	23308	4569152	12810	6405	12808	4569152	12679	6175	12675	4444800	7121	5163	7116	4196056	24689	4883	23166
29	4338184	27512	7068	316	4339320	352286	5539	425	4566704	4512	3505	4378	4566704	4336	3388	4213	4339320	178376	6029	225	4338184	10843	5450	182	4196056	24690	4908	23183	4566704	4343	3755	4275
30	4569152	112000	6882	110393	4569072	124396	5412	122951	4589832	62960	3182	21635	4589832	66391	3333	23628	4198952	35287	5746	207	4339320	178417	5130	214	4566704	3879	3366	3822	4326128	4566517	3641	23112
31	4339320	352427	6679	400	4344400	1058014	4871	697	4639280	291356	2517	274504	4639280	285919	2397	269079	4344400	360554	5419	423	4344400	358682	4954	308	4639280	292021	2427	273917	4639280	285909	2326	269266
32	4198952	40603	6399	273	4589832	66683	4838	23458	4569248	119349	2314	115434	4569248	119037	2251	115144	4566704	5670	5375	5599	4444800	5285	3889	5284	4566792	1839	1703	1836	4566792	1991	1790	1986
33	4344400	1060700	5744	694	4198952	44030	3777	289	4198952	43550	2284	289	4339392	2589	1256	2589	4338128	48532	4011	169	4566704	3969	3797	3891	4339320	178715	1436	205	4569168	3415	1305	3415
34	4569072	123266	5645	121829	4566704	4303	3734	4187	4339392	4370	1663	3352	4451120	1504	1159	1470	4445424	31612	3488	31	4198952	35269	3581	210	4569168	3590	1351	3590	4589832	11994	1075	6242
35	4566704	6167	5584	6053	4339416	184609	2994	236	4339320	353382	1087	389	4481424	4736	1011	4731	4589832	13840	3268	6829	4338128	46345	2577	143	4589832	12567	1314	6267	4481424	1037	1011	1036
36	4339416	184909	5436	244	4569248	118906	2445	115015	4567568	1833	1025	1829	4208072	10046	1001	9829	4444680	7916	3242	4444	4339416	16148	2470	134	4338304	96992	1200	310	4208072	2001	1001	1020
37	4632272	258720	5040	248160	4338128	108047	2305	251	4569168	108561	1015	105056	4325864	1000	1000	1000	4632272	77341	2501	76174	4589832	12384	2452	6319	4481424	1027	1004	1027	4325864	1000	1000	1000
38	4632408	230267	2896	31061	4566792	2277	1938	2236	4481424	4749	1009	4748	4567568	1919	961	1910	4339416	16114	2369	109	4357088	3269	1867	28	4208072	2001	1001	1024	4444928	3550	977	2022
39	4309984	123559	2800	64	4339392	3103	1507	3101	4208072	10074	1001	9843	4569168	108187	957	104830	4444800	3325	2247	2984	4569168	3653	1591	3653	4325864	1000	1000	1000	4346640	911	896	902
40	4637864	64809	2581	1	4357088	2248	1492	70	4325864	1000	1000	1000	4346640	989	910	934	4357088	3192	2133	31	4566792	1492	1450	1486	4445400	8863	990	27	4339392	1824	865	1824
41	4569248	118756	2522	114714	4338400	527635	1466	335	4208776	17778	969	184	4566792	1080	748	1059	4445400	10798	2131	43	4338400	268521	1433	193	4346640	949	935	942	4451120	807	705	776
42	4624840	56730	2516	2215	4632408	230439	1466	30464	4346640	1003	944	960	4444928	24355	741	23894	4442832	5700	2046	90	4632408	61983	1383	10668	4339392	1843	875	1843	4331624	1879	633	863
43	4589952	246827	2203	469	4589952	243176	1423	426	4444800	2051	895	1977	4444800	1755	698	1688	4632408	62096	1922	10872	4638944	10034	1290	192	4339912	993	856	9	4569248	1179	504	1178
44	4637912	19507	2157	1	4331624	28434	1378	3280	4566792	1222	870	1206	4331624	28092	695	3098	4207912	63467	1905	188	4357240	1944	1246	47	4444928	2109	671	1611	4567568	525	469	525
45	4589960	273369	2025	306	4639280	249272	1278	229218	4444928	25644	821	23406	4331616	17994	593	3252	4201120	172797	1842	64	4339856	2038	1234	55	4451120	782	668	739	4331736	2175	333	1082
46	4445400	8525	1965	77	4639944	48093	1260	613	4624840	58657	670	2091	4331736	365695	504	46037	4637864	44465	1810	1	4442832	5495	1228	75	4338128	46963	592	148	4331616	2231	303	891
47	4331776	61113	1921	13557	4445400	8524	1252	51	4331616	17682	656	3211	4569232	2502	483	2480	4589952	17200	1742	197	4201120	172786	1182	77	4331624	1595	574	786	4454400	7183	279	5730
48	4357088	2231	1863	52	4331616	18123	1249	3294	4331624	27779	643	3017	4285296	485	473	485	4338400	263278	1731	190	4639280	249216	1166	229427	4442832	5759	562	80	4569232	313	264	313
49	4422824	22877	1798	145	4357240	1951	1245	47	4632272	258009	622	247395	4445408	44565	413	940	4569168	3529	1631	3529	4445400	9821	1116	33	4632408	66594	553	11148	4331784	1844	233	584
50	4418048	30108	1717	1	4201120	178274	1213	152	4637912	19582	576	1	4567544	6389	366	5257	4357240	1984	1608	28	4589952	18391	1089	188	4357232	1931	550	28	4285296	223	223	223
51	4201120	178225	1709	103	4339856	3067	1200	113	4338128	110873	558	263	4331784	30901	275	14842	4638944	10109	1551	186	4338152	3477	1063	93	4442856	513	492	8	4567544	860	180	393
52	4481248	62575	1708	1	4442832	4505	1172	115	4338184	25208	550	299	4454672	8579	257	3698	4481248	16712	1500	1	4444928	3295	1014	1917	4569248	1164	482	1164	4623160	946	146	403
53	4442832	4413	1693	130	4338152	12765	1169	198	4339416	185154	532	223	4454400	53561	231	33417	4339344	24764	1478	145	4208072	1998	1001	1017	4567568	524	450	524	4637128	1392	143	685
54	4338400	528442	1664	343	4569168	111422	1112	107795	4357240	1943	529	33	4623160	16157	213	2031	4589960	23592	1394	204	4325864	1000	1000	1000	4567544	1257	373	707	4331744	692	114	428
55	4331624	27575	1613	2982	4454544	8315	1041	4616	4569232	2518	496	2489	4450616	1565	210	1388	4339856	1926	1391	62	4481424	994	979	984	4331736	1935	355	1005	4331632	786	113	408
56	4207912	87900	1594	259	4444928	23620	1038	23210	4331736	366538	495	46050	4331776	60942	207	13629	4637912	12162	1248	1	4637128	1378	942	643	4331616	1941	345	813	4454544	3262	109	2166
57	4357240	1958	1558	59	4481424	4779	1005	4758	4285296	485	473	485	4331632	27359	200	6760	4639280	250895	1222	231299	4207976	5706	928	89	4454400	7364	277	5789	4632272	77353	106	76260
58	4208776	17953	1520	184	4208072	9999	1001	9783	4451120	925	407	555	4589952	243982	189	421	4356576	51157	1213	1	4331624	1835	908	782	4331784	1723	271	589	4331776	5338	102	1022
59	4569168	110787	1508	107228	4325864	1000	1000	1000	4637864	65002	359	1	4331744	189940	189	77528	4623072	4280	1210	1468	4346640	920	908	913	4309984	11874	259	42	4623072	5065	98	1688
60	4638944	47870	1421	626	4331736	367080	987	46280	4444680	59707	344	909	4632240	354664	173	537	4624840	29408	1196	1123	4207912	63104	893	188	4569232	277	228	276	4638944	9991	92	173
61	4339856	3212	1401	109	4632272	258201	959	247612	4331784	30627	331	14828	4623072	17226	152	5840	4208072	2186	1187	1019	4632272	77494	882	76375	4285296	221	221	221	4623968	715	92	397
62	4331616	18372	1356	3437	4637128	5877	936	778	4445408	42879	329	776	4637128	5903	144	882	4309984	45104	1174	42	4375752	6570	821	186	4206944	16101	218	40	4632408	62063	90	10855
63	4212120	8100	1339	1	4346640	974	907	924	4623384	100910	297	4096	4285312	9535	141	9535	4445080	2164	1136	2160	4357080	825	820	9	4632272	78157	200	77020	4310304	163	84	163
64	4331784	31194	1304	14909	4451120	1509	874	1114	4454400	53575	293	33635	4624840	59852	140	2231	4418048	172009	1117	1	4331616	2268	805	877	4331744	665	159	438	4589952	17963	76	188

Total L1 Misses	22217354			Total L1 Misses	22087475			Total L1 Misses	22136946			Total L1 Misses	22112752			Total L1 Misses	10863287			Total L1 Misses	10831901			Total L1 Misses	10819158			Total L1 Misses	10757602		
Total L2 Misses	3360807			Total L2 Misses	3435203			Total L2 Misses	1321209			Total L2 Misses	1291926			Total L2 Misses	3312725			Total L2 Misses	3427947			Total L2 Misses	1297082			Total L2 Misses	1286895		
Total EAs	4677			Total EAs	4668			Total EAs	4641			Total EAs	4643			Total EAs	4608			Total EAs	4564			Total EAs	4582			Total EAs	4558		
Total EAs (Miss)	1830			Total EAs (Miss)	1810			Total EAs (Miss)	1782			Total EAs (Miss)	1789			Total EAs (Miss)	1189			Total EAs (Miss)	1196			Total EAs (Miss)	1197			Total EAs (Miss)	1150		
Total EAs (Hit)	2847			Total EAs (Hit)	2858			Total EAs (Hit)	2859			Total EAs (Hit)	2854			Total EAs (Hit)	3419			Total EAs (Hit)	3368			Total EAs (Hit)	3385			Total EAs (Hit)	3408		
Only 1 EA	5			Only 1 EA	0			Only 1 EA	2			Only 1 EA	0			Only 1 EA	5			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	5			Only 2 EA	0			Only 2 EA	2			Only 2 EA	0			Only 2 EA	5			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0		
Only 3 EA	5			Only 3 EA	0			Only 3 EA	2			Only 3 EA	0			Only 3 EA	5			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0		
Only 4 EA	5			Only 4 EA	0			Only 4 EA	2			Only 4 EA	0			Only 4 EA	5			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0		

	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	4326128	4477982	1705336	23452	4326128	4477890	1856400	23385	4639248	194538	190732	183947	4639248	199911	196333	189081	4326128	4521397	1702765	23549	4326128	4521473	1874547	23343	4639248	194059	190342	183553	4639248	199678	196148	188861
2	4639248	234668	233137	215838	4639248	236268	234771	217192	4566744	157935	131912	121739	4566744	158792	131897	124031	4639248	234230	232601	215607	4639248	236077	234578	217120	4566744	157636	131206	121271	4566744	158112	130931	121236
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31	4344400	45580	6115	356	4566704	3782	3603	3716	4569248	112885	2223	109194	4566792	2330	2033	2317	4198952	6446	5093	140	4198952	6449	3999	137	4639280	290638	2460	274037	4639280	284998	2331	268390
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47	4638944	23232	1859	381	4357240	1934	1259	53	4451120	652	532	587	4454400	14652	267	9303	4639280	250409	1332	231035	4442832	4969	1242	62	4338128	6487	567	79	4331616	814	172	316
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56	4338856	2330	1363	58	4445400	2287	1009	27	4331784	6760	353	3783	4632272	73789	114	70909	4325864	1001	1000	1001	4346640	934	933	934	4285296	224	224	224	4632272	1763	99	1412
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58	4445400	1932	1314	44	4444928	7414	986	7009	4285296	285	281	285	4331776	23481	107	3548	4481424	1006	977	993	4481424	955	898	908	4567544	686	201	318	4623072	1117	87	464
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61	4339344	16121	1181	183	4632272	73644	907	70743	4567544	2202	241	1426	4632240	10313	93	232	4346640	933	933	933	4361456	905	783	1	4589952	1791	154	104	4338400	2539	73	66
62	4481392	9036	1179	1	4637128	2222	904	638	4633128	2709	232	142	4624120	746	88	403	4325016	983	929	1	4589960	2109	758	97	4632272	1776	153	1483	4624120	405	71	233
63	4331624	26947	1154	1697	4481424	1773	858	1771	4589952	7676	220	179	4623968	2433	85	702	4444928	1006	915	984	4208824	2034	747	57	4637128	1247	153	636	4331744	157	66	74
64	4637128	2216	1087	667	4589960	7960	825	152	4632408	63311	217	9693	4632408	63249	83	9711	4375752	1471	879	97	4417152	1980	726	1	4454544	2268	149	1471	4623968	472	63	173

Total L1 Misses	10734158			Total L1 Misses	10736186			Total L1 Misses	10716636			Total L1 Misses	10705730			Total L1 Misses	7057916			Total L1 Misses	7058357			Total L1 Misses	7057351			Total L1 Misses	7055928		
Total L2 Misses	3322240			Total L2 Misses	3392805			Total L2 Misses	1316796			Total L2 Misses	1287465			Total L2 Misses	3252164			Total L2 Misses	3400948			Total L2 Misses	1307419			Total L2 Misses	1284623		
Total EAs	4622			Total EAs	4595			Total EAs	4576			Total EAs	4600			Total EAs	4541			Total EAs	4548			Total EAs	4552			Total EAs	4558		
Total EAs (Miss)	1455			Total EAs (Miss)	1431			Total EAs (Miss)	1428			Total EAs (Miss)	1441			Total EAs (Miss)	878			Total EAs (Miss)	903			Total EAs (Miss)	900			Total EAs (Miss)	885		
Total EAs (Hit)	3167			Total EAs (Hit)	3164			Total EAs (Hit)	3148			Total EAs (Hit)	3159			Total EAs (Hit)	3663			Total EAs (Hit)	3645			Total EAs (Hit)	3652			Total EAs (Hit)	3673		
Only 1 EA	6			Only 1 EA	2			Only 1 EA	2			Only 1 EA	0			Only 1 EA	4			Only 1 EA	3			Only 1 EA	4			Only 1 EA	0		
Only 2 EA	6			Only 2 EA	2			Only 2 EA	2			Only 2 EA	0			Only 2 EA	4			Only 2 EA	3			Only 2 EA	4			Only 2 EA	0		
Only 3 EA	6			Only 3 EA	2			Only 3 EA	2			Only 3 EA	0			Only 3 EA	4			Only 3 EA	3			Only 3 EA	4			Only 3 EA	0		
Only 4 EA	6			Only 4 EA	2			Only 4 EA	2			Only 4 EA	0			Only 4 EA	4			Only 4 EA	3			Only 4 EA	4			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
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2	4572504	117	43	89	4456192	92	33	92	4456192	92	33	92	4456192	92	33	92	4429016	92	39	37	4456192	87	33	87	4456192	89	33	89	4456192	88	33	88
3	4632272	1772	36	122	4571448	121	28	108	4571768	158	25	130	4571768	156	24	128	4573040	92	34	79	4571768	99	25	89	4571448	125	22	107	4571448	126	22	105
4	4424592	1734	33	18	4571768	161	27	133	4571448	125	25	111	4571448	124	24	109	4456192	88	33	88	4573040	89	23	77	4573040	89	22	78	4593032	36	22	36
5	4573040	107	33	92	4593032	36	22	36	4573040	106	23	92	4593032	36	22	36	4572504	60	31	46	4571448	128	22	106	4593032	36	22	36	4571768	96	21	86
6	4456192	93	33	92	4573040	109	21	95	4593032	36	22	36	4573040	105	20	93	4571768	113	29	103	4593032	36	22	36	4571768	95	21	84	4573040	89	20	77
7	4571768	162	30	133	4572504	118	15	83	4571616	89	16	75	4571616	85	14	71	4571448	133	23	111	4572504	60	18	48	4571616	68	14	60	4571616	68	13	59
8	4429016	344	28	88	4573208	69	15	58	4573208	68	14	62	4589960	474	13	38	4571616	68	23	59	4571616	68	14	60	4573208	50	14	45	4589960	81	12	31
9	4571616	84	28	73	4571616	83	13	70	4589960	76	13	39	4573208	69	12	63	4593032	36	22	36	4573208	49	13	45	4589960	77	12	32	4573208	50	12	45
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11	4259096	778	22	16	4589960	551	12	40	4573072	53	11	45	4573072	56	11	47	4296944	20	19	1	4484416	81	11	65	4572504	57	11	45	4572504	55	11	43
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13	4572920	115	19	93	4484416	159	11	120	4484416	152	9	113	4429016	343	8	91	4572920	51	17	39	4573072	54	10	42	4484416	80	10	61	4429016	100	8	30
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23	4572744	27	10	24	4364720	40	5	21	4592392	12	5	11	4604688	7	5	7	4605216	21	11	1	4604688	6	4	6	4588704	20	4	18	4604688	6	4	6
24	4198952	1050	9	80	4604688	7	5	7	4604688	7	5	7	4573120	55	4	36	4572744	22	10	20	4632240	41	3	10	4604784	14	4	14	4632240	42	3	10
25	4484416	152	9	119	4592392	11	4	10	4573120	53	4	35	4240024	19	3	15	4344400	1754	8	70	4571912	23	3	16	4589952	9	4	8	4589952	8	3	6
26	4639120	391	8	58	4338400	1482	3	58	4571888	22	4	1	4650232	4	3	4	4240528	19	8	15	4572776	17	3	17	4604688	6	4	6	4650232	4	3	4
27	4589952	57	8	21	4571912	26	3	18	4571936	11	4	10	4649688	3	3	3	4572776	18	8	18	4650232	4	3	4	4632240	42	3	9	4659368	3	3	3
28	4344400	3581	7	85	4240024	19	3	16	4240024	19	3	15	4659368	3	3	3	4484416	74	7	56	4659368	3	3	3	4572776	17	3	15	4649688	3	3	3
29	4338128	1580	7	29	4572824	12	3	10	4572776	14	3	13	4426768	3320	2	41	4424592	26	6	6	4649688	3	3	3	4571856	6	3	1	4338400	958	2	25
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46	4259152	1668	3	20	4440504	5	2	1	4221328	3	2	3	4446568	2	2	2	4649688	3	3	3	4409112	3	2	2	4614400	2	2	2	4614400	2	2	2
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55	4649688	3	3	3	4681032	2	2	1	4572872	35	1	25	4240336	24	1	1	4644904	20	2	1	4632272	211	1	33	4644904	20	1	1	4240336	12	1	1
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58	4201120	1597	2	31	4338304	1772	1	70	4442832	28	1	10	4644904	20	1	1	4456152	8	2	4	4339392	44	1	12	4240336	12	1	1	4571888	5	1	1
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61	4475928	599	2	22	4208824	1683	1	12	4361456	20	1	1	4238960	18	1	4	4681032	4	2	1	4475928	21	1	8	4440328	5	1	3	4681032	4	1	1
62	4456152	32	2	5	4338128	1557	1	31	4644904	20	1	1	4450416	12	1	1	4348784	4	2	3	4361456	20	1	1	4628856	4	1	1	4572824	3	1	3
63	4442832	28	2	9	4475928	613	1	23	4207696	18	1	1	4638944	11	1	8	4262224	3	2	3	4619424	20	1	1	4571936	4	1	4	4214824	3	1	1
64	4644904	20	2	1	4418048	540	1	1	4238960	18	1	4	4628856	9	1	1	4440504	3	2	1	4644904	20	1	1	4440504	3	1	1	4588512	3	1	3
Total L1 Misses	114267			Total L1 Misses	114244			Total L1 Misses	111465			Total L1 Misses	115166			Total L1 Misses	16701			Total L1 Misses	16598			Total L1 Misses	16722			Total L1 Misses	16728		
Total L2 Misses	852			Total L2 Misses	493			Total L2 Misses	447			Total L2 Misses	407			Total L2 Misses	769			Total L2 Misses	460			Total L2 Misses	426			Total L2 Misses	393		
Total EAs	3566			Total EAs	3554			Total EAs	3547			Total EAs	3541			Total EAs	3487			Total EAs	3502			Total EAs	3490			Total EAs	3492		
Total EAs (Miss)	873			Total EAs (Miss)	877			Total EAs (Miss)	880			Total EAs (Miss)	870			Total EAs (Miss)	477			Total EAs (Miss)	475			Total EAs (Miss)	484			Total EAs (Miss)	472		
Total EAs (Hit)	2693			Total EAs (Hit)	2677			Total EAs (Hit)	2667			Total EAs (Hit)	2671			Total EAs (Hit)	3010			Total EAs (Hit)	3027			Total EAs (Hit)	3006			Total EAs (Hit)	3020		
Only 1 EA	9			Only 1 EA	8			Only 1 EA	7			Only 1 EA	9			Only 1 EA	12			Only 1 EA	9			Only 1 EA	11			Only 1 EA	10		
Only 2 EA	9			Only 2 EA	11			Only 2 EA	10			Only 2 EA	12			Only 2 EA	12			Only 2 EA	14			Only 2 EA	15			Only 2 EA	15		
Only 3 EA	11			Only 3 EA	14			Only 3 EA	14			Only 3 EA	16			Only 3 EA	16			Only 3 EA	17			Only 3 EA	19			Only 3 EA	21		
Only 4 EA	12			Only 4 EA	17			Only 4 EA	16			Only 4 EA	18			Only 4 EA	18			Only 4 EA	18			Only 4 EA	22			Only 4 EA	23		

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	4429016	62	46	33	4456192	67	33	67	4456192	67	33	67	4456192	68	33	68	4571584	45	34	45	4456192	67	33	67	4456192	67	33	67	4456192	67	33	67
2	4571584	65	42	60	4571584	63	33	55	4571584	64	32	58	4571584	64	31	58	4456192	67	33	67	4571584	42	32	42	4571584	44	30	44	4571584	44	29	44
3	4632272	838	36	49	4571768	51	25	47	4571448	65	24	59	4571448	65	24	59	4571448	65	24	59	4571768	37	24	37	4571768	37	23	37	4571448	37	23	37
4	4456192	67	33	67	4571448	65	24	60	4571768	51	23	47	4571768	50	23	46	4571448	39	24	39	4571448	37	23	37	4571448	37	23	37	4571768	37	23	37
5	4571768	53	27	53	4593032	36	22	36	4593032	36	22	36	4593032	36	22	36	4593032	36	22	36	4573040	32	23	32	4593032	36	22	36	4593032	36	22	36
6	4573040	33	25	33	4573040	33	21	33	4573040	34	21	34	4573040	35	20	35	4573040	30	22	30	4593032	36	22	36	4573040	33	21	33	4573040	33	20	33
7	4571448	65	24	63	4571616	26	14	26	4571616	25	14	25	4571616	26	14	26	4571616	25	16	25	4572504	20	15	19	4571616	26	15	26	4571616	26	14	26
8	4593032	36	22	36	4429016	44	12	27	4429016	50	13	29	4589960	19	12	18	4572504	20	16	20	4588704	16	15	16	4573208	18	12	18	4573208	18	12	18
9	4572504	39	21	35	4572504	39	12	34	4589960	19	12	18	4573208	18	12	18	4573208	18	14	18	4571616	25	13	25	4589960	16	12	16	4589960	16	12	16
10	4424592	1719	20	9	4589960	19	12	18	4573208	18	12	18	4572504	39	11	34	4589960	17	13	17	4573208	18	13	18	4572504	20	11	20	4572504	20	11	19
11	4571616	25	16	25	4573208	18	12	18	4572504	39	11	35	4573072	15	11	15	4573072	14	11	14	4589960	17	13	17	4573072	15	11	15	4573072	16	11	16
12	4259096	778	15	13	4573072	15	12	15	4573072	15	11	15	4429016	43	10	25	4572744	11	10	11	4573072	15	13	15	4588704	14	10	14	4429016	12	11	11
13	4573208	18	13	18	4572920	12	8	12	4588704	346	7	181	4588704	345	7	176	4572624	12	9	12	4484416	17	9	16	4429016	11	9	10	4484416	16	7	15
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Total L1 Misses	47196			Total L1 Misses	45415			Total L1 Misses	45327			Total L1 Misses	45451			Total L1 Misses	713			Total L1 Misses	726			Total L1 Misses	726			Total L1 Misses	721		
Total L2 Misses	661			Total L2 Misses	439			Total L2 Misses	412			Total L2 Misses	399			Total L2 Misses	448			Total L2 Misses	425			Total L2 Misses	391			Total L2 Misses	383		
Total EAs	3504			Total EAs	3499			Total EAs	3510			Total EAs	3490			Total EAs	3445			Total EAs	3472			Total EAs	3460			Total EAs	3463		
Total EAs (Miss)	521			Total EAs (Miss)	532			Total EAs (Miss)	532			Total EAs (Miss)	531			Total EAs (Miss)	188			Total EAs (Miss)	197			Total EAs (Miss)	196			Total EAs (Miss)	201		
Total EAs (Hit)	2983			Total EAs (Hit)	2967			Total EAs (Hit)	2978			Total EAs (Hit)	2959			Total EAs (Hit)	3257			Total EAs (Hit)	3275			Total EAs (Hit)	3264			Total EAs (Hit)	3262		
Only 1 EA	6			Only 1 EA	8			Only 1 EA	8			Only 1 EA	9			Only 1 EA	9			Only 1 EA	11			Only 1 EA	10			Only 1 EA	11		
Only 2 EA	12			Only 2 EA	16			Only 2 EA	18			Only 2 EA	21			Only 2 EA	24			Only 2 EA	26			Only 2 EA	27			Only 2 EA	27		
Only 3 EA	18			Only 3 EA	21			Only 3 EA	23			Only 3 EA	25			Only 3 EA	30			Only 3 EA	31			Only 3 EA	33			Only 3 EA	34		
Only 4 EA	20			Only 4 EA	25			Only 4 EA	29			Only 4 EA	29			Only 4 EA	35			Only 4 EA	38			Only 4 EA	37			Only 4 EA	38		

	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	4198352	4551759	218385	904866	4199536	319413	127070	11497	4238072	5110	2968	1412	4238072	5110	3058	1481	4198352	4631306	222378	899865	4199536	318891	126657	11464	4238072	5110	2966	1486	4238072	5110	3067	1493
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5	4199536	319006	123119	11646	4198352	4541491	59403	859389	4248848	19596	2024	14995	4248848	19568	1093	15123	4199536	318528	122767	11607	4198352	4622251	59539	848606	4248848	7495	2005	3308	4248848	7525	1107	3247
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9	4198384	350186	17876	118449	4198384	349261	8766	114062	4247656	60268	983	7578	4247656	59134	620	7064	4198384	346521	18200	113636	4198384	345540	8771	108681	4247656	50555	927	7097	4247656	49885	657	6679
10	4198368	301311	8707	96587	4200592	34291	6514	17983	4247952	10941	805	3235	4237512	1022	517	1022	4198368	308512	9156	96258	4200592	32924	6434	16367	4314880	5520	784	3520	4237512	1022	517	1022
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45	4198640	36081	812	12243	4198560	35556	506	12517	4200592	33568	46	17109	4200176	3429	16	2598	4198560	29908	807	9915	4198560	29971	487	9780	4240920	123	47	103	4275664	48	15	1
46	4198560	35545	799	12582	4198720	30624	455	11017	4241088	109	43	94	4313840	28	16	18	4198640	31629	800	9976	4198600	30860	454	9944	4200592	32956	36	15678	4398056	21	15	3
47	4198720	30533	774	11226	4198600	35683	449	12348	4241792	315	41	251	4201992	91542	15	16461	4249104	1787	776	1496	4198240	5463	444	2802	4247760	45495	35	1614	4247992	50882	14	6785
48	4198600	35653	746	12592	4223072	1616	446	1588	4200752	2911	38	2075	4300560	716	15	53	4198720	26148	773	8965	4198720	26287	431	8799	4315344	20146	32	11298	4300632	377	14	26
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53	4314800	102328	511	36062	4242960	2855	360	136	4198472	30557	27	12047	4284672	56	13	36	4314800	101945	481	35785	4223072	868	358	858	4241088	74	26	65	4200752	267	13	97
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56	4223072	1454	440	1438	4248392	2452	330	173	4309904	30	24	26	4398056	19	13	1	4247880	8555	446	2423	4199824	1071	323	1	4249000	130	21	102	4248368	1923	12	149
57	4246088	6471	420	1	4200176	3458	328	2656	4314784	685	23	465	4201480	13244	12	5686	4246088	4906	437	1	4200176	1430	322	1066	4198752	21044	20	8501	4226752	41	12	18
58	4201480	13364	418	6125	4243048	2712	302	357	4247760	55016	22	1830	4249176	2584	12	869	4201480	5269	421	2274	4222560	723	316	704	4198592	20875	20	8792	4285112	36	12	25
59	4314848	3350	389	2111	4222560	1116	296	1093	4198368	297626	21	86457	4248368	2577	12	211	4246104	4037	405	1	4243048	2458	311	350	4315304	6901	20	4534	4229416	22	12	16
60	4247880	9482	387	2516	4248816	4835	276	2893	4201992	91602	21	16502	4226752	41	12	16	4314848	3067	395	1834	4248816	1016	306	418	4202088	119	20	40	4300560	470	11	35
61	4246104	3913	386	1	4274888	1193	274	1	4249000	3807	21	1116	4249240	2521	11	828	4223072	798	375	788	4274888	953	258	1	4201992	24769	19	5402	4284672	53	11	34
62	4242960	2848	378	152	4241872	404	233	338	4202088	14126	20	143	4300632	610	11	38	4242960	2451	369	130	4246328	1043	251	120	4198632	21160	19	9055	4285000	32	11	1
63	4289160	35799	373	24783	4246104	3869	205	1	4246360	713	20	112	4285112	61	11	39	4289160	31247	366	21215	4241872	404	230	337	4248368	1981	19	143	4202088	105	10	34
64	4202760	3377	328	152	4269296	46710	199	1734	4240792	207	20	39	4285000	49	11	1	4246328	1072	357	119	4269296	5416	202	1489	4248024	44635	18	1597	4244232	80	10	3

Total L1 Misses	16531365			Total L1 Misses	16494649			Total L1 Misses	16467566			Total L1 Misses	16470901			Total L1 Misses	15716407			Total L1 Misses	15599192			Total L1 Misses	15664620			Total L1 Misses	15667825		
Total L2 Misses	1262248			Total L2 Misses	793291			Total L2 Misses	116439			Total L2 Misses	108856			Total L2 Misses	1259373			Total L2 Misses	791039			Total L2 Misses	116127			Total L2 Misses	108750		
Total EAs	1392			Total EAs	1389			Total EAs	1388			Total EAs	1394			Total EAs	1383			Total EAs	1392			Total EAs	1384			Total EAs	1397		
Total EAs (Miss)	764			Total EAs (Miss)	767			Total EAs (Miss)	765			Total EAs (Miss)	775			Total EAs (Miss)	669			Total EAs (Miss)	672			Total EAs (Miss)	673			Total EAs (Miss)	682		
Total EAs (Hit)	628			Total EAs (Hit)	622			Total EAs (Hit)	623			Total EAs (Hit)	619			Total EAs (Hit)	714			Total EAs (Hit)	720			Total EAs (Hit)	711			Total EAs (Hit)	715		
Only 1 EA	4			Only 1 EA	3			Only 1 EA	3			Only 1 EA	5			Only 1 EA	4			Only 1 EA	2			Only 1 EA	0			Only 1 EA	4		
Only 2 EA	4			Only 2 EA	3			Only 2 EA	0			Only 2 EA	5			Only 2 EA	4			Only 2 EA	2			Only 2 EA	0			Only 2 EA	4		
Only 3 EA	4			Only 3 EA	3			Only 3 EA	0			Only 3 EA	5			Only 3 EA	4			Only 3 EA	2			Only 3 EA	0			Only 3 EA	6		
Only 4 EA	4			Only 4 EA	3			Only 4 EA	0			Only 4 EA	5			Only 4 EA	4			Only 4 EA	2			Only 4 EA	0			Only 4 EA	6		

	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	3358759	266862	573124	4199664	317911	157936	25228	4314768	93797	92131	33974	4314768	94278	92544	34163	4198912	2930507	257600	509464	4199664	317656	158606	25194	4314768	93785	92135	33932	4314768	94260	92507	34115
2	4198352	2280314	208797	546615	4198912	3351321	126760	543221	4238072	5061	2967	1454	4238072	5060	3062	1440	4198352	2249973	210166	538026	4199536	317775	123075	11473	4238072	5100	2964	1463	4238072	5099	3060	1464
3	4199664	317895	158922	25192	4199536	318247	123928	11530	4314800	106327	2455	43880	4249056	12288	2404	10902	4199664	317649	151689	25432	4198912	2923104	122690	478031	4314800	106099	2432	43692	4249056	8723	2405	7416
4	4202040	1131517	146060	40681	4314768	99624	99243	34343	4249056	12297	2391	10858	4314800	105850	2278	43296	4199536	317766	119419	11621	4314768	99607	99234	34315	4249056	8719	2371	7419	4314800	105786	2377	43271
5	4199536	318219	121078	11598	4198352	2274846	63130	530755	4248848	11286	2077	6939	4248848	11255	1162	6981	4202040	853968	102505	36989	4198352	2243540	61783	520797	4248848	7392	2113	3208	4248848	7372	1203	3159
6	4314768	99634	99174	34333	4202040	1130499	54245	38634	4198352	2270605	1219	511334	4314864	1698	957	952	4314768	99562	99139	34313	4202040	852872	52923	35130	4198352	2239101	1237	499288	4314864	1570	953	831
7	4201536	124047	38216	29942	4201536	123286	28437	27391	4221928	7995	1150	7169	4284368	3684	787	1012	4201536	110690	35902	28198	4201536	109786	28190	26050	4221928	5764	1208	5184	4284368	3666	787	977
8	4200040	58312	19831	28392	4200240	58169	20828	28143	4223336	5725	1017	5331	4314880	2603	776	2025	4200240	52217	18741	26692	4200240	52099	20718	26429	4223336	4861	986	4529	4314880	2195	776	1677
9	4198384	162508	17045	59896	4198384	161645	9020	57752	4314880	2596	783	2032	4237512	993	518	993	4198384	143295	16891	52371	4198384	142404	9127	50354	4314880	2208	785	1684	4237512	1010	518	1010
10	4198368	120331	8219	45569	4200592	23592	6362	12891	4284368	3675	716	981	4249104	1360	411	1243	4198368	101470	8413	41305	4200592	21162	6159	11516	4284368	3670	703	955	4249104	1365	409	1234
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13	4249056	12306	4340	10861	4198472	19235	5209	7806	4237512	993	515	993	4247952	6715	281	2032	4238072	5100	4718	1453	4198472	20799	5404	8274	4249104	1431	525	1298	4247952	5419	250	1607
14	4247656	31172	3903	5874	4198632	18472	5179	7962	4247656	30315	506	5141	4314816	646	203	476	4249056	8724	4334	7409	4198512	20536	5340	8376	4237512	1010	515	1010	4247840	3697	184	1496
15	4199352	78661	3880	10215	4198552	18360	4946	7841	4247952	6719	489	2062	4247840	4395	199	1752	4248848	7420	3531	3294	4198552	20152	5028	8167	4247952	5338	415	1597	4199664	317657	174	27409
16	4248848	11315	3530	7011	4238072	5060	4942	1410	4222792	2194	393	1900	4199664	317998	175	27386	4198472	20927	3143	8347	4238072	5100	4926	1362	4222792	1704	398	1469	4241872	402	121	326
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22	4198552	18357	2958	8004	4199352	77395	3335	10372	4199664	318019	174	27426	4238056	160	80	35	4198672	19866	2983	8543	4199352	138668	3538	5738	4248816	915	172	362	4238056	160	80	34
23	4198752	17840	2931	7777	4247656	31204	2652	5294	4269256	37847	167	1783	4202040	1128441	77	36142	4198592	19583	2967	8289	4268520	5116	2636	1277	4289160	7445	164	4999	4202040	851276	54	32810
24	4198592	17997	2919	7883	4268520	15370	2635	1346	4198384	160967	149	55512	4240936	124	51	105	4198752	19459	2853	8110	4198368	100365	2622	37941	4198384	141586	145	48269	4314720	68	50	54
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27	4221928	8046	2675	7203	4221928	7957	2008	7173	4289160	9247	144	6666	4241792	222	40	184	4222392	9885	2735	5795	4247992	21142	2070	4476	4314832	140940	136	5043	4241792	210	40	168
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29	4222392	18498	2481	8962	4247992	32047	1876	6039	4223072	831	128	824	4246984	88	35	64	4198712	17043	2610	7152	4223336	4906	1945	4536	4223072	669	115	663	4268520	5115	37	1276
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31	4223336	5594	2256	5200	4247952	6745	1642	2097	4247992	32142	108	5831	4241088	80	31	71	4223336	4857	2272	4518	4247952	5525	1611	1787	4199536	317841	98	11597	4241088	82	33	74
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51	4269256	37846	737	1783	4242960	1659	377	95	4200176	1678	25	1227	4275664	36	13	1	4314800	100391	501	34976	4314848	1688	377	921	4249208	128	27	93	4303304	20	14	8
52	4198760	12617	681	5234	4248392	1256	377	103	4309904	31	25	26	4304440	19	13	11	4247880	3427	494	1478	4248392	988	375	65	4220816	71	27	26	4247992	21274	13	4394
53	4199336	14914	590	5182	4314848	1340	374	911	4199352	75369	23	9716	4398056	19	13	1	4248264	2213	470	1	4198640	14264	373	5205	4200176	1706	24	1201	4398056	20	13	2
54	4314800	100692	548	35222	4199336	16202	368	5477	4200592	23363	23	12224	4302384	18	13	1	4269256	93546	466	1365	4200176	1707	354	1214	4309904	26	24	22	4304440	19	13	11
55	4201480	4297	476	1904	4198640	15693	365	5751	4247760	21714	23	1302	4314784	271	12	184	4201480	2172	456	861	4242960	1124	324	95	4199352	137683	23	4367	4302384	18	13	1
56	4248024	18880	471	1419	4199824	775	322	1	4248024	18510	22	1252	4300560	201	12	33	4198240	992	453	252	4248264	2122	314	1	4249000	114	23	85	4248368	1010	12	105
57	4246088	2970	444	1	4248816	867	307	384	4315304	1725	22	1287	4284672	56	12	37	4248024	10143	395	965	4199824	673	307	1	4200752	100	23	70	4300632	143	12	17
58	4198240	2623	413	1155	4200176	1739	301	1297	4249000	838	22	435	4226752	41	12	19	4289160	7498	387	5054	4248816	909	306	375	4248368	930	22	98	4226752	41	12	18
59	4247880	5179	412	1919	4243048	1611	284	290	4249208	802	21	382	4300480	220	11	31	4246328	883	386	101	4243048	1194	267	259	4198240	559	22	205	4229448	22	12	16
60	4222560	872	392	850	4222560	792	278	777	4229416	33	21	20	4285000	24	11	1	4314848	1748	385	981	4222560	694	267	681	4249240	183	21	134	4285000	24	11	1
61	4314848	1439	378	956	4223072	868	267	861	4198552	18354	20	7783	4229416	21	10	14	4242960	1452	376	92	4274888	619	255	1	4244232	65	20	2	4275664	22	11	1
62	4248816	910	363	372	4274888	723	255	1	4198592	17896	20	7826	4240984	17	10	16	4246088	2456	366	1	4247880	3046	250	1352	4198632	20067	19	8404	4229416	18	11	15
63	4289160	9368	359	6824	4241872	402	239	331	4198752	17667	20	7546	4200544	406	9	307	4246104	1566	362	1	4223072	646	248	640	4198592	19521	19	8181	4314784	216	10	148
64	4242960	1650	358	85	4246104	1885	227	1	4200752	756	20	539	4249240	331	9	219	4248816	947	340	361	4241872	402	233	329	4198752	19432	19	7922	4229400	23	10	10
Total L1 Misses	9189962			Total L1 Misses	9169115			Total L1 Misses	9158457			Total L1 Misses	9149685			Total L1 Misses	8378040			Total L1 Misses	8355611			Total L1 Misses	8342331			Total L1 Misses	8339875		
Total L2 Misses	1192931			Total L2 Misses	789038			Total L2 Misses	115481			Total L2 Misses	108491			Total L2 Misses	1126341			Total L2 Misses	783213			Total L2 Misses	115207			Total L2 Misses	108331		
Total EAs	1384			Total EAs	1385			Total EAs	1385			Total EAs	1393			Total EAs	1379			Total EAs	1387			Total EAs	1394			Total EAs	1385		
Total EAs (Miss)	710			Total EAs (Miss)	705			Total EAs (Miss)	714			Total EAs (Miss)	713			Total EAs (Miss)	606			Total EAs (Miss)	620			Total EAs (Miss)	613			Total EAs (Miss)	610		
Total EAs (Hit)	674			Total EAs (Hit)	680			Total EAs (Hit)	671			Total EAs (Hit)	680			Total EAs (Hit)	773			Total EAs (Hit)	767			Total EAs (Hit)	781			Total EAs (Hit)	775		
Only 1 EA	3			Only 1 EA	3			Only 1 EA	0			Only 1 EA	5			Only 1 EA	4			Only 1 EA	3			Only 1 EA	0			Only 1 EA	4		
Only 2 EA	3			Only 2 EA	3			Only 2 EA	0			Only 2 EA	5			Only 2 EA	4			Only 2 EA	3			Only 2 EA	1			Only 2 EA	5		
Only 3 EA	3			Only 3 EA	3			Only 3 EA	0			Only 3 EA	5			Only 3 EA	4			Only 3 EA	3			Only 3 EA	1			Only 3 EA	5		
Only 4 EA	3			Only 4 EA	3			Only 4 EA	0			Only 4 EA	5			Only 4 EA	4			Only 4 EA	3			Only 4 EA	1			Only 4 EA	5		

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	4282984	62464	1789	3341	4464008	764	153	696	4282984	62320	295	3274	4464008	767	151	672	4282984	99332	2763	4009	4464008	607	152	539	4282984	98698	688	3949	4464008	608	151	515
2	4270184	104883	878	5410	4266848	75086	108	4494	4464008	758	151	641	4267696	5204	76	1039	4270184	85773	821	5148	4266848	1190	95	876	4464008	608	151	521	4266848	1210	56	906
3	4266848	75037	461	4588	4267696	5214	79	1006	4267136	52977	73	342	4267136	52825	55	327	4270528	52693	369	4884	4282328	737	55	604	4266848	1218	59	918	4267136	6543	50	260
4	4270528	60288	379	5343	4267136	52808	62	320	4267696	5203	73	1009	4266848	75059	51	4550	4282976	13818	245	1235	4267136	6475	49	242	4267136	6603	57	261	4412600	67	44	64
5	4282328	103855	237	3021	4282328	103629	60	3043	4266848	75178	68	4600	4412600	128	44	69	4266848	1201	183	877	4412600	68	44	65	4282976	13863	54	1279	4282984	98290	34	3925
6	4270224	204527	221	6580	4412600	129	44	70	4282328	103836	55	2980	4282328	103657	41	2950	4464008	608	168	534	4282984	98840	41	3945	4282328	779	54	630	4282328	722	29	582
7	4282976	11803	184	1056	4282984	62365	41	3272	4412600	128	44	69	4282984	62220	34	3318	4282328	768	143	617	4423416	126	23	125	4412600	68	44	65	4267696	3808	23	579
8	4464008	759	166	652	4282544	3145	21	195	4282544	3089	31	221	4475104	191	23	69	4265568	35975	128	2422	4475104	195	21	66	4475104	196	23	66	4475104	187	20	66
9	4270568	155194	163	6682	4475104	184	20	67	4282976	11727	29	1033	4282544	3113	16	186	4270224	108108	116	6132	4267696	3824	19	550	4267696	3814	16	564	4282456	30345	11	845
10	4270152	138410	156	15866	4423416	157	20	156	4282480	551	21	136	4282456	25682	14	1021	4477808	118	116	1	4270152	113242	13	14122	4433264	114	12	17	4433264	114	11	16
11	4477832	237	119	17	4282456	25738	16	1019	4475104	193	21	68	4282480	567	13	115	4282832	31920	110	2482	4282456	30434	12	868	4282456	30342	10	856	4266208	8	6	8
12	4477808	237	116	1	4270152	138611	14	15781	4282456	25514	10	1002	4433264	119	13	23	4398080	1024	109	1024	4433264	110	12	17	4281504	59052	6	2665	4282976	13722	4	1272
13	4268152	19191	112	2566	4433264	117	13	24	4433264	108	10	18	4282472	37	6	27	4281568	25788	97	1309	4270496	80591	9	8879	4441984	22	5	8	4486440	163	4	49
14	4398080	1035	111	1034	4282480	583	12	112	4282472	44	9	38	4282976	11741	5	1068	4477832	119	96	19	4398080	1024	9	1024	4281832	45704	4	3575	4441984	20	4	8
15	4265568	30471	107	2784	4398080	1036	9	1034	4441984	34	8	13	4441984	23	5	8	4268152	15576	95	2376	4273936	26	6	23	4435384	127	4	10	4462920	5	3	5
16	4282936	48462	89	4584	4270496	100400	6	11207	4435384	142	4	13	4266496	196515	3	4923	4282936	69821	89	5933	4441984	26	5	8	4486440	162	3	46	4412968	4	3	4
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18	4266080	11456	82	1864	4273936	29	6	27	4415792	49	3	19	4486440	163	3	39	4270152	113095	77	14131	4486440	162	4	48	4266208	5	3	5	4435384	127	2	11
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31	4281568	18338	28	1285	4412968	4	3	4	4475008	4	2	4	4270568	155355	1	6550	4281552	12027	31	854	4266432	862	2	182	4472080	4	2	2	4270496	80611	1	9021
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36	4423416	153	22	152	4477832	235	2	18	4284224	30	2	1	4477576	3	2	1	4284224	30559	1	4271	4475104	200	22	64	4412592	83	2	73	4430664	3	2	1
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46	4282480	571	12	119	4399352	10	2	10	4281832	60338	1	2798	4472544	36	1	21	4266208	7	7	7	4449112	3	2	1	4281568	25859	1	1274	4399352	7	1	6
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55	4486440	164	6	44	4270568	155077	1	6593	4435224	118	1	1	4429280	6	1	1	4486440	162	5	47	4282360	12143	1	1	4263360	114	1	1	4429072	4	1	1
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58	4228752	80	5	80	4429776	63679	1	1	4415640	20	1	1	4264984	5	1	1	4281344	27735	4	2901	4266752	8512	1	174	4399352	10	1	9	4428120	3	1	1
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61	4281344	24102	4	3484	4282360	11335	1	1	4399352	10	1	10	4449112	4	1	1	4462920	5	4	5	4434552	131	1	8	4433472	7	1	7	4429280	3	1	1
62	4410904	1868	4	1	4283768	10485	1	2345	4433472	9	1	7	4472928	4	1	4	4436520	5	4	2	4435224	118	1	1	4499072	5	1	1	4462872	3	1	3
63	4268744	1163	4	306	4429712	6221	1	1	4264984	9	1	1	4472104	4	1	1	4281784	47163	3	2080	4263360	114	1	1	4436520	5	1	2	4471576	3	1	1
64	4266208	439	4	217	4282768	3834	1	415	4483176	7	1	1	4499072	3	1	1	4429944	4357	3	1	4280504	99	1	99	4496936	4	1	4	4471632	3	1	1
Total L1 Misses	4170250			Total L1 Misses	4172119			Total L1 Misses	4173035			Total L1 Misses	4169792			Total L1 Misses	2033828			Total L1 Misses	2034707			Total L1 Misses	2033584			Total L1 Misses	2032306		
Total L2 Misses	6730			Total L2 Misses	875			Total L2 Misses	1026			Total L2 Misses	657			Total L2 Misses	6928			Total L2 Misses	737			Total L2 Misses	1307			Total L2 Misses	555		
Total EAs	3254			Total EAs	3243			Total EAs	3245			Total EAs	3248			Total EAs	3239			Total EAs	3256			Total EAs	3240			Total EAs	3247		
Total EAs (Miss)	1037			Total EAs (Miss)	1032			Total EAs (Miss)	1035			Total EAs (Miss)	1030			Total EAs (Miss)	646			Total EAs (Miss)	651			Total EAs (Miss)	635			Total EAs (Miss)	646		
Total EAs (Hit)	2217			Total EAs (Hit)	2211			Total EAs (Hit)	2210			Total EAs (Hit)	2218			Total EAs (Hit)	2593			Total EAs (Hit)	2605			Total EAs (Hit)	2605			Total EAs (Hit)	2601		
Only 1 EA	7			Only 1 EA	9			Only 1 EA	19			Only 1 EA	15			Only 1 EA	6			Only 1 EA	12			Only 1 EA	17			Only 1 EA	17		
Only 2 EA	7			Only 2 EA	13			Only 2 EA	22			Only 2 EA	19			Only 2 EA	9			Only 2 EA	17			Only 2 EA	21			Only 2 EA	22		
Only 3 EA	8			Only 3 EA	15			Only 3 EA	22			Only 3 EA	21			Only 3 EA	10			Only 3 EA	20			Only 3 EA	21			Only 3 EA	24		
Only 4 EA	9			Only 4 EA	18			Only 4 EA	26			Only 4 EA	25			Only 4 EA	10			Only 4 EA	24			Only 4 EA	25			Only 4 EA	28		

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	4282984	2061	758	309	4464008	528	156	490	4464008	530	151	494	4464008	528	151	487	4464008	511	160	440	4464008	510	153	434	4464008	510	151	433	4464008	510	151	423
2	4270152	71571	190	8277	4266848	501	74	459	4282984	2004	63	286	4266848	473	49	423	4477808	114	114	1	4267136	63	55	60	4267136	51	47	51	4412600	58	44	58
3	4270184	339	173	232	4282328	254	53	243	4266848	469	56	432	4412600	77	44	64	4398080	478	70	478	4412600	58	44	58	4412600	58	44	58	4267136	55	41	54
4	4464008	531	166	476	4267136	50970	51	238	4267136	51139	46	242	4267136	51063	42	231	4267136	53	49	53	4282328	48	35	48	4282328	64	35	63	4282328	58	35	58
5	4266848	504	135	462	4412600	77	44	64	4412600	77	44	63	4282328	263	42	257	4282328	60	45	58	4266848	48	27	47	4475104	51	22	51	4475104	52	22	52
6	4477832	237	118	26	4282984	1962	28	304	4282328	247	37	239	4282984	2111	27	288	4412600	58	45	58	4423416	87	24	86	4266848	39	22	39	4266848	48	22	45
7	4398080	536	109	536	4475104	54	22	54	4475104	53	22	53	4475104	56	23	56	4423416	86	26	86	4475104	52	23	52	4282456	15	11	15	4282456	16	11	16
8	4270496	54160	103	3779	4267696	18	17	18	4267696	20	20	20	4267696	15	14	15	4266848	39	23	39	4433264	13	11	13	4433264	13	11	13	4433264	11	10	11
9	4477920	120	101	5	4423416	103	15	103	4433264	17	11	17	4282544	528	10	112	4270152	52	22	50	4282456	15	10	15	4435384	7	4	5	4441984	8	6	8
10	4477808	236	97	1	4433264	18	14	18	4282456	24	10	22	4433264	17	10	16	4475104	50	22	50	4270152	52	8	50	4441984	7	4	7	4486440	8	3	8
11	4282328	242	74	238	4282456	30	11	28	4441984	9	6	9	4282456	24	9	23	4270496	35	16	34	4270496	37	7	35	4486440	7	3	7	4412968	4	3	4
12	4282936	41487	72	3275	4270152	71510	8	8217	4282976	656	4	88	4441984	9	7	9	4282456	16	13	16	4441984	8	7	8	4412968	4	3	4	4462920	3	3	3
13	4268152	114	72	84	4441984	10	8	10	4435384	18	4	8	4282480	99	6	56	4433264	10	10	10	4398080	480	5	480	4462920	3	3	3	4423416	87	2	87
14	4282976	634	66	82	4398080	531	7	531	4282544	508	3	104	4282472	33	4	23	4441984	9	8	9	4486440	7	5	7	4508920	3	3	2	4412592	17	2	15
15	4270528	151	61	130	4398440	366	6	366	4486440	162	3	38	4282976	653	3	92	4486440	7	5	7	4435384	7	4	5	4423416	85	2	85	4415792	9	2	9
16	4266080	70	55	44	4282544	535	4	106	4423416	109	3	109	4486440	161	3	41	4435384	7	5	5	4472544	5	4	5	4412592	16	2	15	4435384	7	2	5
17	4432560	97	53	4	4266432	351	4	342	4462920	4	3	4	4442000	5	3	5	4472544	5	5	5	4273936	12	3	12	4415792	9	2	9	4477920	6	2	3
18	4429776	4329	50	1	4266416	345	4	338	4412968	4	3	4	4412968	4	3	4	4477920	7	4	3	4433392	4	3	4	4472544	5	2	5	4425520	4	2	4
19	4282776	83543	47	2734	4486440	161	4	43	4266208	3	3	3	4462920	4	3	4	4283768	19	3	16	4412968	4	3	4	4477920	5	2	3	4475008	4	2	4
20	4267136	51041	47	233	4435384	17	4	8	4412592	134	2	87	4412592	136	2	86	4412592	17	3	15	4472024	3	3	2	4425520	4	2	4	4448528	3	2	2
21	4412600	78	45	67	4270496	54087	3	3798	4477920	120	2	5	4477920	120	2	5	4415792	9	3	7	4496936	3	3	3	4472024	3	2	2	4472024	3	2	2
22	4429712	5541	44	1	4282976	635	3	79	4472544	45	2	21	4423416	103	2	103	4425312	5	3	4	4462920	3	3	3	4448528	3	2	2	4442000	2	2	2
23	4472544	51	29	27	4472544	39	3	20	4415792	29	2	15	4508920	39	2	2	4434552	5	3	5	4432600	37	2	2	4475008	3	2	3	4472080	2	2	2
24	4434552	122	28	7	4465776	9	3	1	4425520	6	2	4	4415792	29	2	14	4433472	5	3	5	4412592	17	2	15	4471632	2	2	1	4282360	45	1	1
25	4423416	111	23	111	4433472	6	3	5	4448528	4	2	2	4435384	16	2	8	4412968	4	3	4	4415792	9	2	8	4471576	2	2	1	4270496	36	1	34
26	4475104	50	22	50	4442000	4	3	4	4472080	3	2	2	4425520	6	2	4	4472024	3	3	2	4477920	8	2	3	4471152	2	2	1	4425312	7	1	6
27	4267696	18	18	18	4496936	4	3	4	4430480	3	2	1	4448528	4	2	2	4448528	3	3	2	4425312	6	2	5	4429072	2	2	1	4472544	5	1	5
28	4398440	368	16	368	4462920	4	3	4	4471576	3	2	1	4472024	3	2	2	4462920	3	3	3	4436520	4	2	2	4430480	2	2	1	4433472	4	1	4
29	4281504	40985	12	1689	4448528	4	3	2	4430664	3	2	1	4472080	3	2	2	4496936	3	3	3	4425520	4	2	4	4465776	2	2	1	4436520	4	1	2
30	4433264	16	12	16	4412968	4	3	4	4429072	3	2	1	4270152	71678	1	8244	4282936	58	2	24	4433472	4	2	4	4442000	2	2	2	4471992	3	1	1
31	4282456	25	11	23	4477832	236	2	18	4471152	3	2	1	4282360	9720	1	1	4284496	13	2	11	4477832	3	2	2	4430664	2	2	1	4434464	3	1	2
32	4435384	16	10	11	4412592	137	2	87	4471632	3	2	1	4429712	5560	1	1	4273936	12	2	12	4419384	3	2	3	4472080	2	2	2	4433392	3	1	3
33	4429744	1854	9	1	4434552	123	2	5	4472024	3	2	2	4429776	4311	1	1	4432712	4	2	2	4475008	3	2	3	4282360	40	1	1	4496936	3	1	3
34	4281568	54	8	22	4477920	120	2	5	4442000	3	2	3	4477832	235	1	19	4431512	4	2	4	4448528	3	2	2	4270496	33	1	32	4477832	3	1	2
35	4465776	10	8	1	4434464	119	2	7	4429280	2	2	1	4270568	192	1	60	4475008	4	2	4	4471992	3	2	1	4425312	7	1	6	4430664	2	1	1
36	4434464	119	7	8	4508920	39	2	1	4281504	40982	1	1625	4434464	119	1	7	4477832	4	2	2	4434464	3	2	2	4433472	5	1	5	4430480	2	1	1
37	4265568	51	7	24	4432600	33	2	1	4282360	9670	1	1	4263360	114	1	1	4436520	4	2	2	4442000	2	2	2	4436520	4	1	2	4398456	2	1	2
38	4508920	37	7	2	4415792	29	2	17	4429712	5527	1	1	4472544	49	1	24	4425520	4	2	4	4449112	2	2	1	4496936	3	1	3	4426360	2	1	1
39	4441984	9	7	9	4415824	25	2	25	4429776	4304	1	1	4266496	19	1	11	4429776	3	2	1	4472080	2	2	2	4477832	3	1	2	4435224	2	1	1
40	4486440	161	5	47	4425312	10	2	7	4477832	236	1	21	4465776	14	1	1	4433392	3	2	3	4430664	2	2	1	4434464	3	1	2	4428120	2	1	1
41	4415792	30	5	15	4421528	9	2	8	4270568	161	1	59	4425312	10	1	7	4266752	3	2	3	4430480	2	2	1	4471992	3	1	1	4449112	2	1	1
42	4432592	8	5	3	4471992	7	2	1	4434464	119	1	6	4415640	8	1	1	4471992	3	2	1	4429072	2	2	1	4472104	2	1	1	4429072	2	1	1
43	4433472	6	5	5	4425520	6	2	4	4263360	115	1	1	4471992	7	1	1	4434464	3	2	3	4426360	2	2	1	4428120	2	1	1	4508920	2	1	1
44	4432712	22	4	6	4436520	5	2	2	4282480	95	1	53	4433472	7	1	7	4426360	2	2	1	4508920	2	2	1	4462872	2	1	2	4465776	2	1	1
45	4268744	7	4	5	4472080	3	2	2	4508920	36	1	1	4435224	5	1	1	4442000	2	2	2	4472104	2	2	1	4449112	2	1	1	4465856	2	1	1
46	4436520	5	4	2	4430664	3	2	1	4282472	25	1	15	4436520	5	1	2	4418128	2	2	1	4471576	2	2	1	4426360	2	1	1	4471576	2	1	1
47	4462920	4	4	4	4430480	3	2	1	4465776	11	1	1	4496936	4	1	4	4429072	2	2	1	4465856	2	2	1	4195136	2	1	2	4471632	2	1	1
48	4281784	35092	3	1603	4471632	3	2	1	4425312	10	1	7	4472104	4	1	1	4430664	2	2	1	4471152	2	2	1	4429776	2	1	1	4472104	2	1	1
49	4410904	1420	3	1	4472024	3	2	2	4471992	7	1	1	4471152	3	1	1	4430480	2	2	1	4465776	2	2	1	4435224	2	1	1	4471152	2	1	1
50	4282544	550	3	106	4449112	2	2	1	4483176	6	1	1	4428120	3	1	1	4508920	2	2	1	4471632	2	2	1	4266496	2	1	2	4270568	2	1	2
51	4430064	165	3	1	4426360	2	2	1	4415640	6	1	1	4430664	3	1	1	4465776	2	2	1	4280504	98	1	98	4411656	2	1	2	4195136	2	1	2
52	4429704	113	3	1	4462872	2	2	2	4433544	5	1	4	4430480	3	1	1	4471152	2	2	1	4282360	45	1	1	4270472	1	1	1	4229968	1	1	1
53	4228752	28	3	28	4266208	2	2	2	4436520	5	1	2	4429072	3	1	1	4213864	2	2	2	4284224	34	1	26	4209240	1	1	1	4229584	1	1	1
54	4415824	25	3	25	4283856	22284	1	1757	4433472	5	1	5	4472928	3	1	3	4472104	2	2	1	4284136	15	1	13	4204240	1	1	1	4231784	1	1	1
55	4432608	11	3	3	4266752	20526	1	181	4435224	4	1	1	4483176	3	1	1	4472080	2	2	2	4284496	14	1	9	4427688	1	1	1	4235544	1	1	1
56	4425312	9	3	6	4282360	9733	1	1	4472104	4	1	1	4471632	3	1	1	4471632	2	2	1	4415824	4	1	4	4421416	1	1	1	4244776	1	1	1
57	4442000	4	3	4	4429712	5551	1	1	4496936	4	1	4	4471576	3	1	1	4471576	2	2	1	4434552	3	1	3	4195128	1	1	1	4253368	1	1	1
58	4431512	4	3	4	4429776	4262	1	1	4428120	3	1	1	4475008	2	1	2	4282360	39	1	1	4432712	3	1	2	4429712	1	1	1	4195128	1	1	1
59	4448528	4	3	2	4282688	4062	1	169	4449112	3	1	1	4462872	2	1	2	4432600	36	1	2	4419312	3	1	3	4429280	1	1	1	4248240	1	1	1
60	4496936	4	3	4	4270568	145	1	50	4499072	3	1	1	4499072	2	1	1	4283856	30	1	17	4431512	3	1	3	4196856	1	1	1	4196856	1	1	1
61	4412968	4	3	4	4263360	115	1	1	4475008	2	1	2	4264984	2	1	1	4228752	25	1	25	4410504	2	1	1	4270568	1	1	1	4209240	1	1	1
62	4472080	3	3	2	4280504	98	1	98	4462872	2	1	2	4195136	2	1	2	4432640	4	1	1	4432608	2	1	2	4229968	1	1	1	4429712	1	1	1
63	4449112	3	3	1	4282480	97	1	54	4433392	2	1	2	4449112	2	1	1	4281784	4	1	4	4418128	2	1	1	4410264	1	1	1	4429776	1	1	1
64	4472024	3	3	2	4282472	23	1	15	4411656	2	1	2	4429280	2	1	1	4415824	4	1	4	4432592	2	1	2	4412344	1	1	1	4429280	1	1	1
Total L1 Misses	826100			Total L1 Misses	824538			Total L1 Misses	824424			Total L1 Misses	825947			Total L1 Misses	2924			Total L1 Misses	2909			Total L1 Misses	2898			Total L1 Misses	2913		
Total L2 Misses	3085			Total L2 Misses	695			Total L2 Misses	589			Total L2 Misses	541			Total L2 Misses	809			Total L2 Misses	572			Total L2 Misses	462			Total L2 Misses	444		
Total EAs	3235			Total EAs	3243			Total EAs	3236			Total EAs	3230			Total EAs	3234			Total EAs	3221			Total EAs	3236			Total EAs	3234		
Total EAs (Miss)	638			Total EAs (Miss)	657			Total EAs (Miss)	647			Total EAs (Miss)	641			Total EAs (Miss)	274			Total EAs (Miss)	258			Total EAs (Miss)	270			Total EAs (Miss)	274		
Total EAs (Hit)	2597			Total EAs (Hit)	2586			Total EAs (Hit)	2589			Total EAs (Hit)	2589			Total EAs (Hit)	2960			Total EAs (Hit)	2963			Total EAs (Hit)	2966			Total EAs (Hit)	2960		
Only 1 EA	9			Only 1 EA	13			Only 1 EA	21			Only 1 EA	21			Only 1 EA	16			Only 1 EA	16			Only 1 EA	28			Only 1 EA	29		
Only 2 EA	14			Only 2 EA	19			Only 2 EA	29			Only 2 EA	29			Only 2 EA	25			Only 2 EA	27			Only 2 EA	40			Only 2 EA	39		
Only 3 EA	16			Only 3 EA	19			Only 3 EA	31			Only 3 EA	30			Only 3 EA	31			Only 3 EA	35			Only 3 EA	44			Only 3 EA	43		
Only 4 EA	22			Only 4 EA	24			Only 4 EA	36			Only 4 EA	34			Only 4 EA	38			Only 4 EA	40			Only 4 EA	46			Only 4 EA	47		

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	4300936	270531	48167	81989	4300736	111835	44317	77480	4300880	194501	8332	67047	4304248	277692	1775	29992	4300880	167054	45643	62865	4300736	91274	43310	56343	4300880	180439	8171	61265	4304248	109766	1497	17381
2	4300736	112655	46359	78658	4300880	184616	35667	67923	4304248	277340	7001	30332	4304256	291088	1680	53420	4300936	245991	45481	75126	4300880	170157	37264	62155	4304248	109917	6596	17671	4304256	103630	1213	26684
3	4300880	182673	44710	68213	4300936	269235	33485	81285	4300816	97639	6988	45775	4300736	111884	1285	76669	4300736	91876	45277	57298	4300936	245215	31915	74222	4300816	78213	6034	38678	4300736	91113	854	55143
4	4304248	279319	35546	32727	4304248	277809	29398	31564	4300936	269799	6232	79742	4304320	147841	683	29221	4304248	111951	32423	19908	4304248	111027	26134	18864	4300936	245052	5806	71640	4304320	49740	623	12831
5	4304256	299191	33983	58224	4304256	295102	27557	55945	4304256	291844	5989	54194	4380840	2849	252	2849	4304256	111086	27513	31704	4304256	106971	21352	29324	4304256	104462	4904	27452	4380840	2576	233	2576
6	4300816	103216	29927	46100	4300816	100530	22282	45698	4304320	147774	2488	29849	4300880	196843	227	66717	4300816	84379	26246	39965	4300816	81334	19370	39300	4304320	49642	2413	13053	4297552	3227	190	2771
7	4304800	176584	18303	64753	4304320	150037	11441	30745	4300736	112007	1808	77288	4297552	3269	222	2786	4304800	143879	18455	54351	4304800	143857	11148	53970	4300736	91196	1579	55381	4464008	665	178	585
8	4304264	468013	17706	148141	4304800	176499	11013	64216	4304272	318545	1222	126125	4297144	2109	194	1355	4304264	195911	14850	82513	4304320	50359	10290	13798	4304800	143816	917	52659	4297144	2404	159	1633
9	4304272	323052	14318	128843	4304264	466184	8448	146368	4300768	19882	1217	14764	4304272	317915	188	125470	4304320	51633	12640	14537	4304264	195026	7032	80181	4304264	194351	825	78213	4300880	182169	156	61001
10	4304320	151855	13604	31873	4304272	320540	7502	127409	4304264	466117	1111	144945	4395216	1536	181	1532	4304272	129908	11325	66903	4304272	127473	5818	64713	4304272	125384	806	62815	4395216	1464	155	1464
11	4304352	260150	9572	105093	4300768	26021	6405	15999	4304800	176656	1037	63705	4464008	819	179	709	4303896	121872	8885	56839	4300768	19298	5321	12083	4300768	12230	796	9911	4397744	435	106	435
12	4303896	191085	9135	76544	4304352	258380	4756	103624	4300848	11102	770	6952	4300816	94727	144	45387	4304352	93860	8202	48360	4303896	121299	4104	55567	4300848	8204	678	5298	4300816	76494	96	38685
13	4300768	27148	8283	16545	4303896	190009	4144	75759	4304352	258735	705	102442	4300936	269988	141	78745	4300768	20335	6801	12528	4304352	91646	4002	46000	4305232	17521	554	8663	4300936	245047	91	70584
14	4298664	50956	4767	32265	4300400	14290	2939	3393	4300400	14413	578	3426	4397744	476	118	476	4300624	44322	6033	24835	4305232	17556	2854	8815	4300400	13892	548	3137	4304272	125260	79	62341
15	4305232	29671	3582	15960	4305232	29727	2910	15692	4305232	29529	573	15368	4380744	9406	96	8598	4298664	45692	4503	25808	4300400	13922	2796	3310	4300624	44480	536	24016	4380744	7391	78	6894
16	4300624	29523	3553	21675	4300848	11394	2598	7198	4380840	2830	516	2830	4304264	466001	80	144428	4305232	17526	3473	8979	4300624	44325	2647	24345	4304352	91754	514	45225	4297336	1442	74	1324
17	4300848	11684	3477	6988	4297552	2954	1989	2529	4303896	189118	401	74158	4297336	1539	70	1424	4300400	13959	3104	3397	4300848	8775	2267	5660	4380840	2579	488	2579	4381984	317	54	317
18	4300712	41812	3331	25811	4298664	50792	1919	31748	4300712	41234	386	25449	4304352	258642	63	102267	4300848	8918	3079	5653	4297552	2801	1927	2465	4303896	120552	373	53844	4304352	91370	46	44550
19	4300400	14335	3227	3533	4379088	2853	1699	2853	4300624	29128	358	21203	4381984	334	52	334	4297552	2759	2005	2462	4298664	45545	1752	25590	4333856	939	331	939	4412600	72	44	68
20	4297552	2952	2047	2549	4380840	2811	1655	2811	4333856	964	328	964	4300768	19883	45	14791	4379088	2659	1715	2659	4379088	2637	1703	2637	4297616	3625	273	3008	4475104	91	41	91
21	4379088	2844	1695	2844	4300712	41306	1595	25526	4297616	3626	307	2974	4412600	136	44	78	4304560	15930	1645	942	4380840	2544	1642	2544	4380744	7386	243	6897	4441984	58	39	49
22	4298912	20527	1683	14652	4300624	29290	1500	21244	4380744	9384	248	8611	4475104	107	42	101	4380840	2550	1605	2550	4386880	3099	1211	3061	4395216	1490	237	1490	4305784	488	36	488
23	4304560	18111	1656	1671	4386880	3354	1209	3120	4395216	1558	240	1555	4305784	570	37	570	4297616	3609	1546	3016	4297616	3615	1163	2986	4297552	3187	222	2736	4304264	194664	35	77879
24	4380840	2814	1600	2814	4297616	3686	1203	2986	4297144	2458	236	1592	4305232	29497	34	15367	4298912	14582	1258	9601	4380744	7420	1137	6916	4297144	2440	201	1749	4297136	811	32	631
25	4297616	3729	1592	2986	4380744	9385	1136	8677	4297552	3257	232	2747	4380720	1355	31	1355	4380744	7415	1168	6944	4304560	15965	1091	970	4304560	15953	186	956	4380720	914	29	914
26	4380744	9415	1179	8716	4304560	18091	1128	1676	4298664	50445	227	31442	4297136	1097	31	690	4297144	2856	1073	1520	4297144	2806	1049	1527	4298664	46305	184	25144	4297384	258	25	209
27	4391160	8368	1077	7241	4297144	2805	1049	1502	4304560	18082	218	1655	4441984	110	31	96	4391160	6515	1018	5849	4333712	2009	967	2009	4464008	665	178	585	4300768	11851	20	9660
28	4297144	2841	1060	1503	4333712	2066	989	2065	4464008	816	179	743	4297616	3579	22	2942	4395216	1601	920	1601	4395216	1615	898	1614	4305784	489	127	489	4305232	17546	19	8660
29	4303880	121111	950	31198	4395216	1688	922	1684	4397824	1195	134	1132	4298664	50563	21	31276	4303880	21293	910	9637	4391336	6006	817	5451	4397824	1125	114	1116	4297376	494	18	446
30	4391336	6770	930	6157	4391336	6719	873	6140	4305784	571	125	571	4300400	14365	19	3374	4386880	3100	894	3060	4397824	1127	762	1115	4397744	437	111	437	4297648	230	18	225
31	4395216	1676	930	1671	4391160	8140	795	7065	4297744	479	114	479	4297648	268	18	265	4391336	6064	872	5542	4391160	6446	757	5819	4297336	1456	93	1347	4397856	87	18	87
32	4386880	3317	897	3106	4379208	3922	775	3755	4387304	2613	88	2590	4394304	58	18	58	4333712	2011	813	2011	4387304	2277	737	2233	4387304	2274	86	2246	4304560	15958	16	948
33	4387304	2620	772	2595	4397824	1230	757	1141	4297336	1546	86	1435	4300848	10993	17	6946	4387304	2273	770	2240	4379208	3098	734	2969	4300032	1805	65	1611	4387856	272	16	245
34	4333712	1937	763	1937	4387304	2608	738	2576	4298912	20635	77	14399	4297384	271	17	216	4379208	3205	764	3070	4297384	817	611	630	4381984	313	64	313	4297616	3620	14	2979
35	4379208	3836	742	3670	4391376	4464	585	4303	4305016	2009	74	1793	4397856	90	17	90	4397824	1126	727	1117	4391376	4788	597	4599	4305016	1832	63	1609	4380600	913	14	913
36	4397824	1223	728	1137	4302584	1160	570	1158	4300032	1950	66	1721	4397824	1190	16	1131	4297384	864	645	661	4386128	2733	580	2733	4300712	1422	57	1264	4394304	47	13	47
37	4391376	4420	616	4246	4297384	777	565	586	4381984	329	64	329	4297376	500	16	450	4391376	4752	636	4580	4302584	1141	570	1139	4298912	13741	45	9090	4394480	41	13	41
38	4297384	831	593	597	4298912	20569	552	14475	4300168	494	49	351	4298912	20407	15	14314	4386128	2724	619	2724	4387256	1019	491	988	4300168	465	45	316	4300848	8405	12	5386
39	4300064	1995	592	1843	4386128	3304	550	3304	4380720	1365	45	1364	4387856	335	15	298	4300064	1939	582	1783	4333856	884	488	884	4412600	72	45	68	4301456	55	12	53
40	4386128	3309	583	3309	4387256	1123	537	1105	4412600	135	45	77	4304560	18103	14	1631	4302584	1140	553	1139	4303880	21148	484	9567	4379088	2638	42	2638	4300400	13896	11	3144
41	4302584	1156	554	1156	4333856	904	489	904	4379088	2797	42	2797	4391808	67	14	66	4387256	1049	548	1030	4391352	2315	473	2243	4475104	91	41	90	4297536	459	11	415
42	4387256	1098	545	1083	4303880	120623	482	31236	4475104	106	40	99	4297536	468	13	415	4305016	1731	505	1548	4300064	1980	470	1809	4380720	915	40	915	4303072	42	11	42
43	4305016	1880	513	1681	4300064	2003	469	1849	4391160	7832	33	6891	4380600	1025	12	1025	4333856	917	505	917	4305016	1805	440	1596	4441984	53	37	46	4397824	1124	10	1114
44	4333856	922	500	922	4305016	1927	461	1718	4441984	90	32	80	4300064	2017	11	1856	4391352	2290	475	2218	4305832	1133	428	1077	4391160	6365	35	5810	4391808	60	10	59
45	4391352	2447	439	2351	4305832	1187	435	1076	4301656	12524	30	2778	4433264	170	11	71	4305832	1134	419	1079	4333792	849	402	849	4300888	1345	34	566	4393576	51	10	51
46	4305832	1186	423	1080	4391352	2509	421	2406	4380600	1134	29	1134	4393576	76	11	76	4300712	1519	397	1353	4298912	14507	399	9405	4380600	963	32	963	4304800	143779	9	52038
47	4300032	1893	408	1707	4333792	824	379	824	4302880	59	28	59	4303072	40	11	40	4300032	1776	390	1621	4379032	2463	330	2424	4302880	58	28	58	4301376	178	9	173
48	4300888	40903	326	4921	4297336	1540	301	1437	4303880	121352	27	30813	4394376	36	11	36	4297336	1442	322	1363	4297336	1451	297	1358	4297136	777	27	671	4297744	2019	8	1967
49	4297336	1531	324	1433	4379032	3236	282	3172	4297384	310	27	242	4394480	33	11	33	4300888	1362	302	590	4300032	1844	248	1616	4472880	638	26	638	4394376	34	8	34
50	4333792	840	312	840	4300032	1940	252	1711	4297648	271	27	265	4300624	29275	9	21035	4333792	781	292	781	4305784	488	246	488	4305832	1133	24	1074	4470888	10	8	9
51	4379032	3312	296	3251	4305784	573	246	573	4305832	1187	25	1073	4300824	18048	9	4345	4379032	2291	274	2258	4381984	325	238	325	4391808	66	24	64	4300064	1978	7	1829
52	4300120	1721	283	1553	4381984	327	235	327	4472880	669	25	669	4300032	1950	9	1736	4300120	1634	270	1487	4300712	1514	233	1333	4379208	3565	23	3350	4300824	533	7	400
53	4304360	61764	272	41740	4397744	468	219	468	4391808	64	24	63	4301376	185	9	179	4305784	486	252	486	4397744	432	216	432	4297648	222	23	216	4394440	53	7	53
54	4386080	5791	258	5056	4379704	299	209	299	4300888	41731	23	4810	4301456	61	9	59	4386080	4227	235	3789	4379704	283	207	283	4297536	461	22	424	4302872	23	7	23
55	4305784	572	252	572	4297376	452	200	422	4379208	4047	22	3802	4300888	42101	8	4785	4381984	321	230	321	4378208	861	202	837	4297384	312	22	254	4486440	18	7	15
56	4300392	1291	239	1	4378208	1347	191	1237	4300064	2022	22	1858	4297744	2009	8	1967	4304360	10478	225	9036	4295736	509	187	508	4301376	180	22	167	4433264	15	7	15
57	4297376	463	239	437	4295736	528	187	523	4297376	525	22	481	4435384	122	8	49	4397744	428	217	428	4297376	395	186	374	4303880	21071	21	9331	4301248	186	6	184
58	4381984	326	223	326	4464008	817	181	732	4303072	53	21	52	4394440	56	8	56	4379704	284	209	284	4464008	665	180	599	4300064	1955	21	1784	4300856	171	6	112
59	4299168	1444	222	177	4301656	11797	163	2735	4297136	747	20	596	4304800	176901	7	63238	4300392	1083	202	1	4297536	430	154	390	4303072	49	21	49	4306528	48	6	48
60	4301656	11954	221	2772	4392280	468	149	468	4297536	450	20	410	4305016	1885	7	1679	4297376	409	201	388	4392280	405	149	405	4397856	87	20	87	4394600	9	6	9
61	4397744	466	219	466	4300120	1762	144	1578	4302584	1158	19	1158	4423416	376	7	331	4464008	667	199	584	4295664	446	147	427	4296680	192	19	180	4470976	7	6	7
62	4300824	18423	218	4435	4297536	431	144	396	4391336	6085	17	5316	4470888	9	7	8	4330072	813	196	811	4295640	442	145	442	4391336	5587	17	4839	4300032	1815	5	1621
63	4379704	299	207	299	4295640	455	141	455	4296680	199	17	189	4301248	181	6	178	4299168	1012	192	168	4299040	853	136	1	4302584	1139	17	1139	4333856	870	5	870
64	4386872	726	201	444	4295664	451	141	422	4301376	183	17	174	4399352	17	6	15	4378208	890	191	872	4300120	1670	134	1486	4299168	850	17	134	4423416	234	5	209
Total L1 Misses	3903476			Total L1 Misses	3971509			Total L1 Misses	3968313			Total L1 Misses	3968811			Total L1 Misses	1953636			Total L1 Misses	1938190			Total L1 Misses	1928464			Total L1 Misses	1926932		
Total L2 Misses	391261			Total L2 Misses	292670			Total L2 Misses	52495			Total L2 Misses	8769			Total L2 Misses	362590			Total L2 Misses	272037			Total L2 Misses	47055			Total L2 Misses	6879		
Total EAs	5257			Total EAs	5278			Total EAs	5269			Total EAs	5281			Total EAs	5240			Total EAs	5252			Total EAs	5251			Total EAs	5249		
Total EAs (Miss)	2200			Total EAs (Miss)	2187			Total EAs (Miss)	2181			Total EAs (Miss)	2160			Total EAs (Miss)	1332			Total EAs (Miss)	1329			Total EAs (Miss)	1347			Total EAs (Miss)	1345		
Total EAs (Hit)	3057			Total EAs (Hit)	3091			Total EAs (Hit)	3088			Total EAs (Hit)	3121			Total EAs (Hit)	3908			Total EAs (Hit)	3923			Total EAs (Hit)	3904			Total EAs (Hit)	3904		
Only 1 EA	1			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	1			Only 1 EA	1			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	1			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	1			Only 2 EA	1			Only 2 EA	0			Only 2 EA	0		
Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	1			Only 3 EA	1			Only 3 EA	0			Only 3 EA	0		
Only 4 EA	1			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	1			Only 4 EA	1			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	4300736	89086	45078	58184	4300736	88726	42937	57179	4300880	138025	7474	53102	4304248	139987	1424	16998	4300880	109881	43997	50212	4300736	80851	42252	47935	4300880	119654	7293	49420	4304248	53285	1248	11451
2	4300880	127135	43745	54025	4300880	129202	36289	53928	4304248	139926	5656	17197	4304256	107414	1112	26424	4300736	81259	43983	48604	4300880	111274	37796	49961	4304248	53875	5492	11735	4304256	44081	956	15987
3	4300936	164493	43219	61106	4300936	163857	30248	60687	4300936	163631	5492	58820	4300736	88551	789	56348	4300936	127236	38477	53018	4300936	126673	29108	52524	4300936	126488	4919	50998	4300736	80750	611	46601
4	4304248	144278	26799	19597	4304248	141545	21343	18442	4300816	59997	5215	33295	4304320	47125	610	13134	4304248	56275	23821	13637	4304248	54611	19890	12873	4304256	44652	4206	16370	4304320	17642	554	7295
5	4300816	66520	25733	34780	4300816	64279	19927	34062	4304256	108490	4881	27311	4380840	2647	232	2647	4300816	48500	20989	28205	4300816	47140	17506	27635	4300816	43417	4123	26803	4380840	2577	211	2577
6	4304256	114500	24892	31135	4304256	111075	19184	29188	4304320	47738	2305	13322	4297552	3052	186	2666	4304256	49022	20348	19343	4304256	46713	16666	18211	4304320	17849	2133	7469	4464008	568	179	508
7	4304800	104100	16898	47952	4304800	103973	10135	47737	4300736	88688	1519	56480	4464008	591	179	538	4304800	91404	15093	44030	4304800	91338	9987	43878	4300736	80890	1325	47227	4297552	2985	169	2629
8	4304264	143195	13890	72143	4304320	50659	9231	14363	4300768	10621	810	8721	4297144	2079	164	1455	4304264	71945	9350	41009	4304320	18504	8064	8085	4304800	91370	666	42615	4297144	2114	137	1458
9	4304320	52342	11039	14997	4304264	142628	6320	70664	4304264	141997	762	69217	4300880	139750	143	52891	4304320	19353	9271	8424	4304264	71819	5082	40457	4300768	7020	583	6243	4395216	1358	136	1358
10	4304272	101363	10970	59015	4304272	99472	5388	57246	4304800	104158	756	46775	4395216	1398	140	1395	4304272	49672	7363	32991	4300768	11912	4688	8199	4304264	72003	554	39622	4300880	121606	120	48989
11	4303896	78426	8029	44419	4300768	15660	5306	10295	4304272	98411	722	55793	4397744	431	97	431	4303896	52660	6334	33682	4304272	48541	4259	31954	4300848	5209	499	3930	4397744	414	89	414
12	4300768	16549	6777	10635	4303896	77836	3558	43929	4300848	6778	603	4652	4300936	163250	91	58085	4300768	12410	5635	8545	4303896	52289	3313	33146	4305232	11386	495	5459	4297336	1179	67	1125
13	4304352	67321	6576	40643	4304352	65853	3110	39210	4305232	14044	538	7518	4304272	97872	84	55519	4300624	18195	4823	12776	4305232	11393	2785	5616	4304272	47915	494	30955	4380744	4626	66	4479
14	4298664	26005	4176	16801	4305232	14055	2755	7626	4300400	10814	495	2386	4300816	58342	75	33217	4304352	32717	4726	21538	4304352	32067	2658	20783	4300400	11616	468	2436	4300936	126447	59	50206
15	4300624	18014	3805	13206	4300400	10859	2395	2445	4380840	2630	481	2630	4380744	4676	72	4476	4298664	16924	3347	11636	4300624	18081	2614	12501	4380840	2559	462	2559	4304272	48038	58	30926
16	4305232	14107	3301	7749	4300848	7120	2198	4802	4304352	65410	369	38382	4297336	1172	60	1126	4305232	11369	3148	5681	4300400	11612	2384	2442	4300624	18054	432	12345	4412600	64	46	64
17	4300848	7409	2912	4931	4297552	2703	1887	2377	4300624	17901	357	12957	4381984	316	47	316	4300848	5723	2608	4315	4300848	5459	2114	4207	4333856	936	325	936	4300816	41602	45	26198
18	4300400	10854	2793	2485	4300624	17871	1766	12938	4333856	942	323	942	4412600	82	45	70	4300400	11618	2577	2571	4297552	2612	1881	2342	4304352	32017	307	20143	4381984	316	45	316
19	4297552	2737	1962	2365	4379088	2671	1700	2671	4303896	77260	285	42376	4304264	141709	43	68567	4297552	2559	1892	2313	4379088	2644	1706	2644	4297616	2788	242	2422	4475104	94	41	92
20	4300712	12018	1790	8429	4298664	25905	1674	16739	4297616	2961	258	2517	4475104	99	43	93	4379088	2646	1703	2646	4380840	2543	1646	2543	4303896	52115	238	31858	4305784	472	40	472
21	4379088	2693	1698	2693	4380840	2637	1640	2637	4380744	4693	232	4507	4305784	495	37	495	4380840	2551	1602	2551	4298664	17028	1499	11453	4380744	4638	236	4499	4441984	39	30	38
22	4380840	2594	1601	2594	4386880	3240	1227	3072	4395216	1430	217	1428	4305232	14051	30	7425	4297616	2788	1471	2425	4386880	3054	1216	3048	4395216	1401	210	1401	4380720	916	27	916
23	4297616	3064	1525	2503	4380744	4690	1155	4516	4297552	3019	209	2633	4441984	47	29	46	4304560	10207	1212	808	4297616	2799	1145	2422	4297552	2965	200	2618	4297136	864	23	686
24	4304560	11913	1500	1102	4297616	2994	1148	2520	4297144	2109	197	1527	4297648	227	28	224	4380744	4636	1178	4504	4380744	4626	1144	4492	4464008	567	179	503	4397856	99	23	99
25	4298912	8567	1220	6412	4297144	2663	1029	1428	4300712	11922	190	8191	4304352	65413	27	38052	4297144	2790	1049	1481	4297144	2734	1021	1477	4298664	16891	176	11399	4304264	72141	22	39660
26	4380744	4663	1187	4503	4300712	11940	979	8314	4298664	25922	182	16458	4380720	1035	27	1035	4391160	3402	955	3190	4333712	1982	959	1982	4297144	2162	173	1543	4297648	213	20	210
27	4297144	2671	1049	1453	4333712	2022	965	2022	4464008	591	179	532	4297136	745	24	622	4395216	1499	919	1499	4395216	1519	907	1518	4304560	10137	146	801	4305232	11366	19	5478
28	4391160	4356	1019	3930	4395216	1525	906	1523	4304560	11861	163	1086	4297384	306	21	245	4386880	3062	886	3048	4391336	2636	844	2558	4305784	472	128	472	4304352	31790	18	19956
29	4395216	1540	928	1539	4391336	3634	840	3422	4305784	495	126	495	4397856	101	20	101	4391336	2651	881	2562	4379208	2176	770	2135	4397824	1070	99	1069	4387856	98	17	97
30	4391336	3695	923	3508	4304560	11915	833	1125	4397824	1119	114	1084	4300768	10348	17	8641	4298912	4639	823	3808	4397824	1069	756	1068	4397744	413	97	413	4297384	273	16	222
31	4386880	3165	888	3058	4379208	2293	801	2258	4397744	430	99	430	4387856	180	17	165	4333712	1994	801	1994	4391160	3268	752	3076	4387304	1986	81	1974	4297616	2784	13	2396
32	4333712	2073	848	2073	4391160	4365	786	3923	4297336	1185	78	1135	4301456	58	16	57	4387304	1991	761	1974	4304560	10193	747	806	4297336	1182	76	1124	4297536	426	12	395
33	4303880	55837	835	13609	4397824	1130	760	1085	4387304	2078	77	2046	4297376	460	14	421	4397824	1070	731	1068	4387304	1992	720	1970	4381984	317	62	317	4391808	64	12	63
34	4387304	2080	770	2044	4387304	2082	712	2051	4381984	328	64	328	4394304	45	14	45	4379208	2080	722	2047	4391376	2162	598	2141	4305016	1286	52	1171	4301456	56	12	53
35	4379208	2247	756	2208	4391376	2839	608	2790	4305016	1420	61	1288	4303072	42	13	42	4391376	2170	653	2148	4297384	805	597	641	4412600	63	46	63	4397824	1070	11	1068
36	4397824	1131	735	1087	4297384	820	602	635	4300032	1226	57	1110	4394480	31	13	31	4297384	827	638	658	4302584	1139	570	1139	4300032	955	43	894	4394304	49	11	49
37	4297384	846	646	631	4302584	1150	570	1150	4298912	7927	46	5884	4297536	433	12	400	4303880	6683	624	3493	4386128	2141	555	2141	4475104	91	43	91	4303072	40	11	40
38	4391376	2801	624	2767	4386128	2287	545	2287	4412600	82	46	71	4391808	64	12	62	4386128	2133	592	2133	4391352	1468	487	1451	4379088	2638	40	2638	4300888	158	10	137
39	4386128	2288	583	2288	4387256	959	490	941	4379088	2677	43	2677	4300824	7771	11	2469	4300064	1277	553	1200	4333856	886	486	886	4380720	930	34	930	4433264	17	10	17
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46	4305832	1008	423	975	4298912	8357	371	6199	4297384	351	29	273	4304560	11851	9	1086	4300032	972	365	900	4303880	6639	309	3455	4302880	58	28	58	4380600	791	7	791
47	4300032	1184	375	1105	4303880	55687	345	13556	4302880	60	28	60	4304800	104035	8	46229	4333792	820	309	820	4379032	1321	265	1318	4297136	820	27	696	4297376	461	7	421
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53	4300120	1013	249	953	4397744	424	209	424	4303072	52	24	52	4470888	10	8	9	4397744	411	207	411	4379704	285	209	285	4472880	446	21	446	4394600	6	6	6
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57	4304360	11246	220	9589	4295736	478	188	477	4394304	54	19	54	4306528	91	6	91	4464008	568	188	498	4297376	353	166	334	4296680	170	20	162	4306528	48	5	48
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61	4297376	409	203	384	4295664	390	145	381	4302952	36	16	36	4300848	6661	5	4574	4330072	582	164	582	4297536	388	146	363	4394304	36	17	36	4399352	6	5	6
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63	4464008	588	198	554	4378912	760	127	760	4297536	436	15	399	4423416	263	5	230	4300712	265	156	76	4380600	794	112	794	4297376	455	15	420	4303880	6663	4	3276
64	4295736	489	189	489	4299040	791	125	1	4300824	7764	14	2474	4301248	169	5	162	4299056	293	151	231	4299040	475	112	1	4297536	422	15	389	4300032	957	4	898
Total L1 Misses	1806367			Total L1 Misses	1791020			Total L1 Misses	1779573			Total L1 Misses	1775046			Total L1 Misses	987278			Total L1 Misses	977802			Total L1 Misses	972938			Total L1 Misses	970568		
Total L2 Misses	340252			Total L2 Misses	256256			Total L2 Misses	43178			Total L2 Misses	6537			Total L2 Misses	301387			Total L2 Misses	244208			Total L2 Misses	38802			Total L2 Misses	5649		
Total EAs	5247			Total EAs	5260			Total EAs	5255			Total EAs	5253			Total EAs	5238			Total EAs	5227			Total EAs	5240			Total EAs	5254		
Total EAs (Miss)	1548			Total EAs (Miss)	1531			Total EAs (Miss)	1519			Total EAs (Miss)	1525			Total EAs (Miss)	929			Total EAs (Miss)	917			Total EAs (Miss)	915			Total EAs (Miss)	913		
Total EAs (Hit)	3699			Total EAs (Hit)	3729			Total EAs (Hit)	3736			Total EAs (Hit)	3728			Total EAs (Hit)	4309			Total EAs (Hit)	4310			Total EAs (Hit)	4325			Total EAs (Hit)	4341		
Only 1 EA	1			Only 1 EA	1			Only 1 EA	0			Only 1 EA	0			Only 1 EA	0			Only 1 EA	1			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	1			Only 2 EA	1			Only 2 EA	0			Only 2 EA	0			Only 2 EA	0			Only 2 EA	1			Only 2 EA	0			Only 2 EA	0		
Only 3 EA	1			Only 3 EA	1			Only 3 EA	0			Only 3 EA	0			Only 3 EA	0			Only 3 EA	1			Only 3 EA	0			Only 3 EA	0		
Only 4 EA	1			Only 4 EA	1			Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			Only 4 EA	1			Only 4 EA	0			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	5143928	254228	81931	254228	5143928	252573	81919	252573	5143928	253470	81918	253470	5143928	253948	81914	253948	5143928	164864	81921	164864	5143928	164864	81921	164864	5143928	164864	81921	164864	5143928	164864	81921	164864
2	5179856	221	188	221	5179856	193	181	193	5179856	189	177	189	5179856	189	177	189	5179856	219	188	219	5179856	193	181	193	5179856	189	177	189	5179856	189	177	189
3	5146880	146	79	146	5146880	142	78	142	5146880	142	78	142	5146880	142	78	142	5146880	143	79	143	5146880	143	79	144	5146880	143	79	143	5146880	143	79	143
4	5170056	22117	65	65	4619232	128	63	128	4619232	128	63	128	4619232	128	63	128	4619232	126	63	126	4621000	126	63	126	4619232	126	63	126	4621000	126	63	126
5	4619232	128	63	128	4621000	126	63	126	4621000	126	63	126	4621000	126	63	126	4621000	126	63	126	4619232	126	63	126	4621000	126	63	126	4619232	126	63	126
6	4621000	126	63	126	5205248	86	37	4	4895440	34	34	34	4895440	34	34	34	5201312	43	41	12	5201312	43	41	12	4895440	34	34	34	4895440	34	34	34
7	5169224	1410	61	22	5179024	115	35	1	5166728	45	25	45	5166728	45	25	45	5198232	41	41	1	5198232	41	40	1	5166728	39	25	39	5166728	39	25	39
8	5167936	17653	43	37	4895440	34	34	34	5147512	29	18	1	5166456	29	11	14	4895440	34	34	34	4895440	34	34	34	5201312	43	20	12	5179888	2495	10	2495
9	5198232	41	39	1	5147512	34	31	1	5170056	21534	16	59	5179888	2496	10	2496	5166728	39	25	39	5166728	39	25	39	5198232	41	20	1	4928048	18	6	18
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11	5205248	72	33	3	5176672	5547	29	19	5198232	39	11	1	5145480	10	7	10	4643720	15	11	15	5179888	2491	7	2491	4928048	18	6	18	5185608	6	6	5
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13	5167456	7821	30	8	5170056	21897	22	65	5169224	1125	10	18	5185608	6	6	5	4928048	18	6	18	4928048	18	6	18	5145480	8	6	8	4928000	5	5	5
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37	4928000	5	5	5	5153208	10	3	10	5147184	4	3	4	5148280	11	2	1	5150304	5	2	5	5200584	3	3	1	5161328	2	2	1	4862200	2	2	2
38	5200584	53	4	53	5149512	9	3	7	4927952	3	3	3	5153208	10	2	10	5149512	4	2	4	5150320	7	2	3	5147512	2	2	1	4862368	2	2	2
39	5231392	15	4	1	5148040	7	3	1	5152344	6140	2	19	5146776	5	2	5	5146776	3	2	3	4948976	6	2	3	5170056	2	2	2	5147512	2	2	1
40	5149192	12	4	1	5147184	6	3	6	5176656	574	2	7	5163896	4	2	4	5164392	3	2	3	5150304	5	2	5	5158168	2	2	1	4862664	2	2	2
41	5204176	13117	3	1	5152120	6	3	6	4643296	17	2	17	5150304	3	2	3	5145408	3	2	3	5179552	4	2	1	5161752	2	2	1	5163864	2	2	2
42	5168000	690	3	8	4949032	6	3	4	5149096	15	2	1	5185576	3	2	3	5176656	3	2	3	5176656	3	2	3	4862200	2	2	2	5162280	2	2	1
43	5200832	19	3	1	5146776	5	3	5	5158168	14	2	1	5164392	3	2	3	4734104	3	2	3	5200944	3	2	1	5163864	2	2	2	5162168	2	2	1
44	5148280	11	3	1	5162256	5	3	4	5148280	11	2	1	4862864	3	2	3	5150400	3	2	1	4734104	3	2	3	5162168	2	2	1	5161808	2	2	1
45	5153208	10	3	10	5162200	4	3	4	5153208	10	2	10	4734104	3	2	3	4862864	3	2	3	4862864	3	2	3	5164392	3	2	3	4637264	2	2	2	5161752	2	2	1
46	5148040	7	3	1	4927952	3	3	3	5150304	3	2	3	5161328	2	2	1	5149376	3	2	3	4862864	3	2	3	5161808	2	2	1	4637264	2	2	2
47	5152120	6	3	6	5168200	1239	2	16	5163864	3	2	3	5155416	2	2	1	5158168	2	2	1	5145408	3	2	3	5162280	2	2	1	5161328	2	2	1
48	5146776	6	3	6	5176656	934	2	11	5145408	3	2	3	4637264	2	2	2	5161752	2	2	1	5149376	3	2	3	4862368	2	2	2	5158168	2	2	1
49	5147184	6	3	6	5143904	33	2	33	5164392	3	2	3	5230656	2	2	2	4862200	2	2	2	5147184	3	2	3	5185576	2	2	2	5182384	2	2	1
50	4949032	6	3	4	5200584	31	2	31	5185576	3	2	3	5230688	2	2	2	5161328	2	2	1	5204176	3	2	1	5196424	2	2	1	5185576	2	2	2
51	5162256	5	3	4	5200832	27	2	1	5196440	3	2	1	5155224	2	2	1	5167272	2	2	2	5147512	2	2	1	5182384	2	2	1	5200832	8	1	1
52	5162200	4	3	4	4643296	17	2	17	4734104	3	2	3	5161752	2	2	1	5161808	2	2	1	5163864	2	2	2	4862664	2	2	2	5149096	7	1	1
53	5179552	4	3	1	5158168	14	2	1	4862864	3	2	3	5162280	2	2	1	5162280	2	2	1	5167384	2	2	2	5155416	2	2	1	5150320	7	1	3
54	4927952	3	3	3	5150320	12	2	4	5241496	3	2	1	4862200	2	2	2	5163784	2	2	1	5155416	2	2	1	5155224	2	2	1	5148040	6	1	1
55	5167384	1570204	2	77	5149376	7	2	7	5155416	2	2	1	4862368	2	2	2	5163864	2	2	2	4862664	2	2	2	5149096	7	1	1	5145664	5	1	5
56	5176656	1414	2	12	4948976	5	2	3	5162168	2	2	1	5161808	2	2	1	4831872	2	2	1	4862368	2	2	2	5150320	7	1	3	5147184	4	1	4
57	5168144	180	2	5	5179552	4	2	1	5162280	2	2	1	4862664	2	2	2	5162168	2	2	1	4862200	2	2	2	5148040	6	1	1	5174240	4	1	2
58	4643296	17	2	17	5201096	4	2	1	5155224	2	2	1	5162168	2	2	1	5200888	2	2	1	5161328	2	2	1	5145664	5	1	5	5149512	4	1	4
59	5158168	14	2	1	4734104	3	2	3	5230688	2	2	2	5169136	20798	1	82	5170056	2	2	2	5162168	2	2	1	5149512	4	1	4	5179552	4	1	1
60	5200800	13	2	5	5185576	3	2	3	5230656	2	2	2	5204176	13243	1	1	4862368	2	2	2	5161808	2	2	1	5179552	4	1	1	5150400	3	1	1
61	5149096	13	2	1	5150304	3	2	3	5161808	2	2	1	5176672	8736	1	15	5147512	2	2	1	5161752	2	2	1	5147184	4	1	4	5203824	3	1	1
62	5150320	12	2	4	5163864	3	2	3	4862368	2	2	2	5167312	4096	1	11	5155224	2	2	1	4741480	2	2	1	5169136	3	1	3	5145592	3	1	3
63	5149512	9	2	7	5164392	3	2	3	5161328	2	2	1	5167696	468	1	7	4637264	2	2	2	5158168	2	2	1	5145592	3	1	3	5149376	3	1	3
64	5149376	7	2	7	5204232	3	2	1	4637264	2	2	2	5168144	457	1	11	5155416	2	2	1	4831872	2	2	1	5203824	3	1	1	5169136	3	1	3
Total L1 Misses	8666010				8732020				10212742				9906527				168771				168783				168761				168755			
Total L2 Misses	83322				83043				82778				82701				82856				82839				82709				82655			
Total EAs	2830				2819				2834				2834				2788				2789				2799				2795			
Total EAs (Miss)	608				611				609				607				419				422				412				409			
Total EAs (Hit)	2222				2208				2225				2227				2369				2367				2387				2386			
Only 1 EA	18				17				20				17				23				21				21				21			
Only 2 EA	18				17				24				23				29				26				28				29			
Only 3 EA	20				26				32				29				39				37				38				41			
Only 4 EA	24				32				36				33				43				45				43				45			

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	5143928	186729	81924	186729	5143928	186510	81921	186510	5143928	186663	81921	186663	5143928	186694	81920	186694
2	5170056	5522	191	42	5179856	207	181	207	5179856	203	177	203	5179856	203	177	203
3	5179856	204	181	204	5170056	5521	102	43	5146880	142	78	142	5146880	142	78	142
4	5169224	381	144	17	5169224	356	84	15	4619232	128	63	128	4619232	128	63	128
5	5169136	5252	116	72	5146880	142	78	142	4621000	126	63	126	4621000	126	63	126
6	5167936	4497	83	31	4619232	128	63	128	4895440	34	34	34	4895440	34	34	34
7	5146880	142	78	142	4621000	126	63	126	5170056	5396	29	45	5166728	43	25	43
8	4619232	128	63	128	5198232	39	37	1	5166728	43	25	43	5179888	1912	10	1912
9	4621000	126	63	126	4895440	34	34	34	5198232	39	19	1	5170056	5397	8	43
10	5174480	537	49	29	5179024	52	31	1	5169224	351	16	13	5164344	8	8	2
11	5168000	883	45	5	5176672	1743	27	15	5179888	1912	10	1912	5145480	10	7	10
12	5169896	5250	40	1	5166728	43	25	43	5179024	31	10	1	5147512	10	7	1
13	5198232	39	39	1	4643720	14	13	14	5176672	1330	9	10	5205248	10	7	4
14	4895440	34	34	34	5205248	74	10	4	5205248	11	9	3	5176672	1317	6	10
15	5176672	1313	33	9	5147512	11	10	1	5169136	5252	8	63	4928048	18	6	18
16	5166728	43	25	43	5200832	12	8	1	5164344	8	8	2	5185608	6	6	5
17	5200832	31	21	1	5164344	9	8	2	5167936	4661	7	27	5204768	488	5	12
18	4643720	14	13	14	5179888	1910	7	1910	5145480	10	7	10	5169224	337	5	10
19	5179024	21	11	1	5145480	10	7	10	5147512	8	7	1	5200944	8	5	1
20	5179888	1911	10	1911	4928048	18	6	18	4928048	18	6	18	5200832	11	4	1
21	5205248	46	10	6	5149344	10	6	8	5200832	12	6	1	5149344	10	4	8
22	5166456	15	9	7	5185608	6	6	5	5185608	6	6	5	5200936	6	4	1
23	5200944	9	9	1	5204768	457	5	10	5200944	7	5	1	4928000	4	4	4
24	5200904	8	8	1	5147560	8	5	1	5204768	739	4	9	5152344	1548	3	13
25	5145480	10	7	10	5200944	5	5	1	5149344	10	4	8	5149192	10	3	1
26	5200848	10	7	1	5149096	14	4	1	5200936	6	4	1	5152120	6	3	6
27	5164344	7	7	2	5149192	10	4	1	4928000	4	4	4	5146776	4	3	4
28	4928048	17	6	17	4949032	6	4	4	5149192	10	3	1	5162200	4	3	4
29	5149344	10	6	8	5163896	5	4	5	5166456	7	3	7	5162256	4	3	4
30	5185608	6	6	5	5200936	4	4	1	5152120	6	3	6	5163896	4	3	4
31	5147512	6	6	1	4928000	4	4	4	5146776	4	3	4	4927952	3	3	3
32	5200936	6	6	1	5148280	9	3	1	5162200	4	3	4	5167936	4679	2	34
33	5143904	6	5	6	5166456	9	3	7	5163896	4	3	4	5168200	286	2	11
34	5204768	357	4	9	5153208	8	3	8	5162256	4	3	4	5176656	172	2	8
35	5149096	15	4	1	5231392	8	3	1	4927952	3	3	3	5148280	9	2	1
36	5176792	11	4	4	5152120	6	3	6	5147512	3	3	3	4643720	8	2	8
37	5149192	10	4	1	5148040	6	3	1	5204232	3	3	1	5153208	8	2	8
38	4928000	4	4	4	5149512	6	3	5	5169896	5250	2	1	5231392	8	2	1
39	5179552	4	4	1	4948976	5	3	3	5152344	1546	2	13	5158168	5	2	1
40	5168200	423	3	14	5200848	5	3	1	5174480	601	2	25	4862864	3	2	3
41	5167696	25	3	8	5162256	4	3	4	5176656	178	2	6	5185576	3	2	3
42	5200800	19	3	4	5162200	4	3	4	5149344	9	2	1	5150304	3	2	3
43	5231392	9	3	1	5146776	4	3	4	5231392	9	2	1	4734104	3	2	3
44	5148280	9	3	1	5147184	3	3	3	4643720	8	2	8	5145408	3	2	3
45	5153208	8	3	8	4927952	3	3	3	5153208	8	2	8	5164392	3	2	3
46	5152120	6	3	6	5167936	4592	2	34	5201096	5	2	1	5182384	2	2	1
47	5150320	6	3	3	5176656	251	2	9	5158168	5	2	1	5162280	2	2	1
48	5200888	6	3	1	5168000	114	2	9	4862864	3	2	3	5146912	2	2	2
49	5148040	6	3	1	5168144	92	2	11	5150304	3	2	3	5155224	2	2	1
50	4949032	6	3	4	5168344	72	2	4	5145408	3	2	3	5147184	2	2	2
51	5162200	4	3	4	5200584	63	2	59	5164392	3	2	3	5161808	2	2	1
52	5163896	4	3	4	5176792	15	2	5	5185576	3	2	3	5161328	2	2	1
53	5162256	4	3	4	5201096	6	2	1	4734104	3	2	3	4862664	2	2	2
54	5174240	3	3	3	5150320	6	2	3	5161328	2	2	1	4862368	2	2	2
55	5241496	3	3	1	5145728	5	2	4	4862200	2	2	2	4862200	2	2	2
56	5196424	3	3	1	5158168	5	2	1	5182384	2	2	1	5161752	2	2	1
57	5204176	3307	2	1	5179552	4	2	1	4862368	2	2	2	5162168	2	2	1
58	5152344	1546	2	12	5185576	3	2	3	4862664	2	2	2	5155416	2	2	1
59	5176656	323	2	7	5164392	3	2	3	5162168	2	2	1	4637264	2	2	2
60	5149512	6	2	5	5149376	3	2	3	4637264	2	2	2	5167384	1572868	1	2
61	5201096	5	2	1	4862864	3	2	3	5161808	2	2	1	5169136	5251	1	61
62	4948976	5	2	3	4734104	3	2	3	5155224	2	2	1	5204176	3306	1	1
63	5158168	5	2	1	5150304	3	2	3	5162280	2	2	1	5200688	28	1	9
64	4862864	3	2	3	5145408	3	2	3	5155416	2	2	1	5168144	15	1	7
Total L1 Misses	8548792			Total L1 Misses	8761359			Total L1 Misses	9555967			Total L1 Misses	9389388			Total L1 Misses
Total L2 Misses	83617			Total L2 Misses	83091			Total L2 Misses	82798			Total L2 Misses	82711			Total L2 Misses
Total EAs	2826			Total EAs	2820			Total EAs	2831			Total EAs	2830			Total EAs
Total EAs (Miss)	533			Total EAs (Miss)	533			Total EAs (Miss)	515			Total EAs (Miss)	518			Total EAs (Miss)
Total EAs (Hit)	2293			Total EAs (Hit)	2287			Total EAs (Hit)	2316			Total EAs (Hit)	2312			Total EAs (Hit)
Only 1 EA	21			Only 1 EA	16			Only 1 EA	20			Only 1 EA	17			Only 1 EA
Only 2 EA	22			Only 2 EA	17			Only 2 EA	25			Only 2 EA	25			Only 2 EA
Only 3 EA	26			Only 3 EA	28			Only 3 EA	34			Only 3 EA	32			Only 3 EA
Only 4 EA	33			Only 4 EA	36			Only 4 EA	39			Only 4 EA	38			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	5143928	163841	81921	163841	5143928	163841	81921	163841	5143928	163841	81921	163841	5143928	163841	81921	163841
2	5179856	207	177	207	5179856	212	181	212	5179856	211	177	211	5179856	211	177	211
3	5146880	143	79	143	5146880	143	79	143	5146880	143	79	143	5146880	143	79	143
4	4621000	126	63	126	4621000	126	63	126	4619232	126	63	126	4619232	126	63	126
5	4619232	126	63	126	4619232	126	63	126	4621000	126	63	126	4621000	126	63	126
6	5201312	43	41	12	5201312	43	41	12	4895440	34	34	34	4895440	34	34	34
7	5198232	41	41	1	5198232	41	40	1	5166728	39	25	39	5166728	39	25	39
8	4895440	34	34	34	4895440	34	34	34	5198232	41	20	1	5179888	2301	10	2301
9	5166728	39	25	39	5166728	39	25	39	5201312	43	19	12	4928048	17	6	17
10	4643720	13	13	13	4643720	13	13	13	5179888	2301	10	2301	5145480	8	6	8
11	5179888	2305	12	2305	5179888	2300	7	2300	4928048	17	6	17	5185608	6	6	5
12	5145480	10	7	10	5145480	10	7	10	5145480	8	6	8	5169224	6	6	5
13	4928048	18	6	18	4928048	18	6	18	5185608	6	6	5	4928000	5	5	5
14	5149344	9	6	8	5149344	9	6	8	5169224	5	5	4	5149344	9	4	8
15	5185608	6	6	5	5185608	6	6	5	4928000	5	5	5	5204768	5	4	5
16	5169224	6	6	5	5200832	7	5	1	5149344	9	4	8	5163896	4	4	4
17	5200832	7	5	1	5169224	5	5	3	5204768	5	4	5	5149192	6	3	1
18	5174240	5	5	4	5174240	5	5	4	5163896	4	4	4	5152120	6	3	6
19	4928000	5	5	5	4928000	5	5	5	4643720	7	3	7	5162256	4	3	4
20	5149192	6	4	1	5149192	6	4	1	5200832	7	3	1	5162200	4	3	4
21	5204768	5	4	5	5204768	5	4	5	5149192	6	3	1	4927952	3	3	3
22	5148280	5	4	1	5231392	7	3	1	5152120	6	3	6	5231392	7	2	1
23	5179552	4	4	1	5149096	7	3	1	5162256	4	3	4	5200832	7	2	1
24	5231392	7	3	1	5152120	6	3	6	5162200	4	3	4	4643720	7	2	7
25	5149096	7	3	1	4949032	6	3	4	4927952	3	3	3	5153208	5	2	5
26	4949032	6	3	4	5148280	5	3	1	5231392	7	2	1	5148280	5	2	1
27	5152120	6	3	6	5153208	5	3	5	5153208	5	2	5	4862864	3	2	3
28	5153208	5	3	5	5148040	4	3	1	5148280	5	2	1	5164392	3	2	3
29	5150320	4	3	1	5149512	4	3	4	4734104	3	2	3	4734104	3	2	3
30	5148040	4	3	1	5162200	4	3	4	5145408	3	2	3	5145408	3	2	3
31	5162256	4	3	4	5162256	4	3	4	4862864	3	2	3	5182384	2	2	1
32	5162200	4	3	4	5163896	3	3	3	5164392	3	2	3	5147512	2	2	1
33	5200584	3	3	1	5174192	3	3	3	5155224	2	2	1	4862664	2	2	2
34	4927952	3	3	3	5146776	3	3	3	5176656	2	2	2	5170056	2	2	2
35	5167272	3	3	1	5167272	3	3	1	5163864	2	2	2	5176656	2	2	2
36	4927952	3	3	2	4927952	3	3	3	4862200	2	2	2	4637264	2	2	2
37	5163896	3	3	3	5200584	3	3	1	5182384	2	2	1	4862368	2	2	2
38	5196424	3	3	1	4948976	5	2	3	4637264	2	2	2	5155224	2	2	1
39	4948976	5	2	3	5179552	4	2	1	5158168	2	2	1	5146776	2	2	2
40	5149512	4	2	4	5150320	4	2	1	5147512	2	2	1	5161808	2	2	1
41	5145408	3	2	3	5145408	3	2	3	5170056	2	2	2	4862200	2	2	2
42	5149376	3	2	3	5164392	3	2	3	4862664	2	2	2	5200944	2	2	1
43	5164392	3	2	3	5149376	3	2	3	5150304	2	2	2	5161328	2	2	1
44	4862864	3	2	3	4734104	3	2	3	5200944	2	2	1	5158168	2	2	1
45	4734104	3	2	3	5150400	3	2	1	5155416	2	2	1	5161752	2	2	1
46	5150400	3	2	1	4862864	3	2	3	5162168	2	2	1	5162168	2	2	1
47	4347448	2	2	2	5158168	2	2	1	5161808	2	2	1	5185576	2	2	2
48	5155416	2	2	1	5162280	2	2	1	5161752	2	2	1	5163864	2	2	2
49	5155224	2	2	1	4741480	2	2	1	4862368	2	2	2	5155416	2	2	1
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62	5182384	2	2	1	5147512	2	2	1	5150400	3	1	1	5145832	2	1	2
63	5176656	2	2	2	4862664	2	2	2	5159328	2	1	1	5193768	2	1	2
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Total L1 Misses	167495			Total L1 Misses	167503			Total L1 Misses	167475			Total L1 Misses	167476			
Total L2 Misses	82847			Total L2 Misses	82843			Total L2 Misses	82704			Total L2 Misses	82657			
Total EAs	2789			Total EAs	2789			Total EAs	2797			Total EAs	2794			
Total EAs (Miss)	377			Total EAs (Miss)	383			Total EAs (Miss)	375			Total EAs (Miss)	373			
Total EAs (Hit)	2412			Total EAs (Hit)	2406			Total EAs (Hit)	2422			Total EAs (Hit)	2421			
Only 1 EA	24			Only 1 EA	24			Only 1 EA	23			Only 1 EA	21			
Only 2 EA	32			Only 2 EA	30			Only 2 EA	34			Only 2 EA	35			
Only 3 EA	40			Only 3 EA	41			Only 3 EA	41			Only 3 EA	42			
Only 4 EA	45			Only 4 EA	46			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
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59	4201448	1372	1368	1	4201448	1375	1368	1	4202296	1368	1368	1	4202296	1368	1368	1	4202112	1370	1368	4	4201088	1368	1368	1	4201200	1368	1368	1	4201056	1368	1368	1
60	4201168	1368	1368	1	4202336	1368	1368	1	4202336	1368	1368	1	4202336	1368	1368	1	4201168	1368	1368	1	4201056	1368	1368	1	4201168	1368	1368	1	4201088	1368	1368	1
61	4202112	1368	1368	3	4202296	1368	1368	1	4201168	1368	1368	1	4201528	1368	1368	1	4201056	1368	1368	1	4201200	1368	1368	1	4201056	1368	1368	1	4201192	1368	1368	1
62	4201088	1368	1368	1	4201528	1368	1368	1	4201528	1368	1368	1	4201056	1368	1368	1	4202296	1368	1368	1	4201168	1368	1368	1	4201528	1368	1368	1	4201168	1368	1368	1
63	4201192	1368	1368	1	4201088	1368	1368	1	4201192	1368	1368	1	4201168	1368	1368	1	4201528	1368	1368	1	4201192	1368	1368	1	4202112	1368	1368	3	4202112	1368	1368	3
64	4201528	1368	1368	1	4201168	1368	1368	1	4201056	1368	1368	1	4201192	1368	1368	1	4201088	1368	1368	1	4201528	1368	1368	1	4202336	1368	1368	1	4202336	1368	1368	1
Total L1 Misses	245893951			Total L1 Misses	247745654			Total L1 Misses	247758196			Total L1 Misses	247247289			Total L1 Misses	245848740			Total L1 Misses	245848755			Total L1 Misses	245849927			Total L1 Misses	245849927		
Total L2 Misses	180138842			Total L2 Misses	180131488			Total L2 Misses	145418861			Total L2 Misses	180121164			Total L2 Misses	180136198			Total L2 Misses	180133293			Total L2 Misses	145227488			Total L2 Misses	180122441		
Total EAs	932			Total EAs	930			Total EAs	929			Total EAs	931			Total EAs	933			Total EAs	933			Total EAs	933			Total EAs	933		
Total EAs (Miss)	266			Total EAs (Miss)	297			Total EAs (Miss)	307			Total EAs (Miss)	307			Total EAs (Miss)	256			Total EAs (Miss)	257			Total EAs (Miss)	257			Total EAs (Miss)	255		
Total EAs (Hit)	666			Total EAs (Hit)	633			Total EAs (Hit)	622			Total EAs (Hit)	624			Total EAs (Hit)	677			Total EAs (Hit)	676			Total EAs (Hit)	676			Total EAs (Hit)	678		
Only 1 EA	10			Only 1 EA	11			Only 1 EA	12			Only 1 EA	12			Only 1 EA	10			Only 1 EA	11			Only 1 EA	11			Only 1 EA	11		
Only 2 EA	10			Only 2 EA	11			Only 2 EA	12			Only 2 EA	12			Only 2 EA	10			Only 2 EA	11			Only 2 EA	11			Only 2 EA	11		
Only 3 EA	11			Only 3 EA	11			Only 3 EA	12			Only 3 EA	12			Only 3 EA	10			Only 3 EA	11			Only 3 EA	12			Only 3 EA	12		
Only 4 EA	11			Only 4 EA	11			Only 4 EA	12			Only 4 EA	12			Only 4 EA	11			Only 4 EA	11			Only 4 EA	12			Only 4 EA	12		

	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	27375067	27373682	20092	4202200	27375049	27373682	20103	4202200	27375010	26161638	20122	4202200	27375014	27373682	20095
2	4202216	27359578	13685446	40058	4202216	27359525	13685445	40066	4202216	27359531	13679973	40060	4202216	27359549	13685438	40058
3	4201984	13681407	13680394	20739	4201984	13681218	13680178	20744	4201632	13511949	11372410	466110	4201096	13680027	13680019	27680
4	4201456	13680028	13680028	38152	4201096	13680036	13680028	28526	4201096	13680009	9997356	28158	4201456	13680016	13680016	38150
5	4201096	13680019	13680019	28517	4201456	13680010	13680010	38145	4201984	13681388	9969258	23037	4201984	13681404	13679886	20768
6	4201632	13512494	13507023	496348	4201632	13513211	13507630	495384	4200936	13681387	9432194	21693	4201632	13513169	13507792	495437
7	4200936	13681390	10658322	20419	4200936	13681386	10658321	20420	4201456	13680012	7429988	46909	4200936	13681388	10658313	20422
8	4201272	13680079	9675743	62923	4201272	13680079	9675743	62923	4201744	11147845	5571111	442978	4201272	13680079	9675743	62923
9	4201744	11148419	5571013	459392	4201744	11148002	5571099	457171	4201272	13682234	5325026	53120	4201744	11147988	5571062	458017
10	4204432	4592194	4592194	19914	4204432	4592194	4592194	19913	4204432	4592146	4337868	19953	4204432	4592162	4592162	19913
11	4201224	13680078	4004335	64330	4201224	13680078	4004335	64330	4200952	6896448	3421370	10193	4201224	13680078	4004335	64330
12	4200952	6900197	3421370	10159	4200952	6900197	3421370	10160	4200920	13672469	2679217	20396	4200952	6900197	3421370	10156
13	4200920	13672470	3014148	20139	4200920	13672468	3014147	20139	4197280	2542781	2540000	44831	4200920	13672468	3014155	20130
14	4204240	2870016	2870010	20501	4203368	2870041	2870041	35480	4203896	2824206	2325545	353920	4204240	2870038	2870014	20481
15	4203728	2870009	2870003	106756	4204240	2870014	2870012	20461	4196952	2545008	2315480	28194	4203368	2870012	2870012	35531
16	4203368	2870000	2870000	35449	4203728	2870012	2870000	102196	4204448	4589946	2295203	39072	4203728	2870006	2870000	105911
17	4203896	2824102	2822789	369477	4203896	2822931	2821679	370976	4201224	13682234	2105470	53150	4203896	2823732	2822483	369658
18	4196952	2545009	2540001	28249	4196952	2545009	2540001	28246	4203368	2870000	2097406	25441	4196952	2545008	2540000	28161
19	4197280	2542776	2540000	44997	4197280	2542776	2540000	45002	4204240	2870020	2060257	22559	4197280	2542781	2540000	45011
20	4195352	2540000	2540000	28400	4195352	2540000	2540000	28400	4203208	2870526	1965584	20857	4195616	2540000	2540000	20541
21	4195616	2540000	2540000	20541	4195616	2540000	2540000	20541	4195184	2537968	1959381	20049	4195352	2540000	2540000	28400
22	4195184	2537968	2537968	20041	4195184	2537968	2537968	20042	4202192	3473589	1714581	2544	4195184	2537968	2537968	20042
23	4195488	2526329	2526329	23936	4195488	2526329	2526329	23936	4203728	2870020	1559232	78855	4195488	2526329	2526329	23937
24	4204448	4589938	2295899	39051	4204448	4589949	2295899	39044	4195616	2540000	1378716	20118	4204448	4589946	2295901	39048
25	4203208	2870495	2235278	19808	4203208	2870480	2235373	19799	4195352	2540000	1378212	21532	4203208	2870516	2235326	19804
26	4203544	2870726	1930542	326209	4203544	2870730	1928078	325739	4195488	1597186	1352342	13343	4203544	2870734	1929075	325837
27	4202192	3473593	1714578	2543	4202192	3473590	1714570	2544	4204000	2201164	1100146	372397	4202192	3473587	1714567	2543
28	4204000	2201216	1100118	373877	4204000	2201247	1100115	375884	4203544	2870632	1074521	339647	4204000	2201192	1100106	373378
29	4196864	2078602	1054468	32893	4196864	2078605	1054469	32894	4196864	2069658	1056009	32779	4196864	2077866	1052734	32831
30	4197192	2115068	958141	46271	4197192	2114991	958082	46285	4197192	2130490	831810	46385	4197192	2116946	958156	46339
31	4203496	2870769	940227	329323	4203496	2870791	942713	329060	4203224	1446787	717788	10009	4203496	2870779	941704	329510
32	4203224	1447628	717787	9977	4203224	1447628	717787	9977	4201720	1450220	696840	73485	4203224	1447629	717788	9976
33	4201720	1450081	699107	77424	4201720	1450294	696840	76976	4203192	2869153	562030	19453	4201720	1449995	696809	77256
34	4203192	2869078	633800	19264	4203192	2869063	633690	19253	4203496	2870683	484592	340527	4203192	2869129	633803	19258
35	4195896	474639	474639	31999	4195896	474639	474639	31969	4195896	499569	377148	19847	4195896	477624	477624	32062
36	4211400	399832	399832	13570	4211400	399807	399807	13565	4211400	399802	323253	16376	4211400	399799	399799	13562
37	4197296	435075	312368	8867	4197296	435152	312427	8872	4204424	582682	287545	2549	4197296	433088	312353	8907
38	4204424	582688	287551	2549	4204424	582688	287551	2549	4197296	419728	269050	8898	4204424	582684	287547	2549
39	4196968	473445	215532	7685	4196968	473442	215531	7685	4196968	482633	213991	7827	4196968	474429	217266	7663
40	4195880	195109	195109	13378	4195880	195109	195109	13408	4201800	198992	159773	52905	4195880	192124	192124	13407
41	4201800	197597	174424	57408	4201800	197275	173844	57087	4197176	232493	154164	4662	4201800	196961	173667	57164
42	4197176	213357	153986	4418	4197176	212877	153750	4419	4196848	235538	153571	2721	4197176	214811	154414	4429
43	4196848	228754	152642	2637	4196848	228744	152632	2637	4195880	170179	140129	6800	4196848	230475	153616	2635
44	4203976	285837	138114	52814	4203976	285884	137682	52612	4203976	285725	137676	51327	4203976	285792	137679	52693
45	4204056	52570	47591	28879	4204056	53724	48692	29507	4204056	52558	43297	28168	4204056	53010	47891	28822
46	4201696	122217	16120	928	4195504	13925	13925	146	4195504	943068	26122	9349	4201696	13925	13925	146
47	4195504	13925	13925	146	4201696	121256	13252	920	4211392	18138	10000	3626	4211392	18150	10000	3448
48	4211392	18150	10006	3447	4211392	18150	10000	3449	4209360	10000	9888	10000	4209360	10000	10000	10000
49	4209360	10000	10000	10000	4209360	10000	10000	10000	4201696	121264	7230	889	4201696	120688	6615	915
50	4196944	99378	6362	1191	4196944	99388	6372	1191	4196944	92347	5433	1142	4196944	97410	5388	1173
51	4201872	20792	5928	1	4197272	114298	5255	2131	4197272	96482	4841	1857	4206536	10670	4800	10670
52	4197272	113818	5273	2125	4206536	10672	4800	10672	4206536	10670	4800	10670	4197272	113273	4591	2132
53	4206536	10672	4800	10672	4202376	2736	2736	1	4202376	2736	2736	1	4202376	2736	2736	1
54	4202376	2736	2736	1	4196904	11650	2032	21	4202088	1881	1385	1	4201200	1372	1372	1
55	4197232	11568	2540	3	4197232	11568	2032	3	4201200	1371	1371	1	4202088	1878	1370	1
56	4203952	23453	2358	695	4203952	23561	2015	703	4201448	1369	1368	1	4201416	1369	1368	1
57	4196904	11650	2286	21	4196936	8108	1773	1	4201416	1369	1368	1	4201448	1369	1368	1
58	4196936	8108	2282	1	4201976	2330	1541	1	4201192	1368	1368	1	4201088	1369	1368	1
59	4197264	12124	2032	1	4197264	12124	1524	1	4201168	1368	1368	1	4202336	1368	1368	1
60	4201976	2411	1618	1	4202088	1871	1376	1	4201528	1368	1368	1	4202296	1368	1368	1
61	4202088	1879	1381	1	4201200	1372	1372	1	4202296	1368	1368	1	4201200	1368	1368	1
62	4201200	1374	1374	1	4201416	1369	1368	1	4202336	1368	1368	1	4201056	1368	1368	1
63	4201088	1369	1368	1	4201448	1369	1368	1	4201088	1368	1368	1	4201192	1368	1368	1
64	4201416	1369	1368	1	4201088	1369	1368	1	4201056	1368	1368	1	4201168	1368	1368	1
Total L1 Misses	246247108			Total L1 Misses	246249304			Total L1 Misses	245742440			Total L1 Misses	245742992			Total L1 Misses
Total L2 Misses	180154621			Total L2 Misses	180139913			Total L2 Misses	145313046			Total L2 Misses	180120338			Total L2 Misses
Total EAs	931			Total EAs	932			Total EAs	929			Total EAs	933			Total EAs
Total EAs (Miss)	293			Total EAs (Miss)	292			Total EAs (Miss)	294			Total EAs (Miss)	296			Total EAs (Miss)
Total EAs (Hit)	638			Total EAs (Hit)	640			Total EAs (Hit)	635			Total EAs (Hit)	637			Total EAs (Hit)
Only 1 EA	9			Only 1 EA	9			Only 1 EA	12			Only 1 EA	12			Only 1 EA
Only 2 EA	9			Only 2 EA	9			Only 2 EA	12			Only 2 EA	12			Only 2 EA
Only 3 EA	10			Only 3 EA	10			Only 3 EA	12			Only 3 EA	12			Only 3 EA
Only 4 EA	10			Only 4 EA	10			Only 4 EA	12			Only 4 EA	12			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	27373683	27373682	20094	4202200	27373682	27373682	20093	4202200	27373685	26161640	20093	4202200	27373682	27373682	20094
2	4202216	27359482	13685438	40063	4202216	27359468	13685405	40069	4202216	27359487	13679968	40059	4202216	27359445	13685393	40071
3	4201984	13680824	13680417	20686	4201984	13680779	13680283	20695	4201632	13510201	11376106	461957	4201456	13680000	13680000	38178
4	4201456	13680000	13680000	38178	4201456	13680000	13680000	38178	4201984	13681042	9682639	22789	4201096	13680000	13680000	30442
5	4201096	13680000	13680000	36238	4201096	13680000	13680000	36238	4201096	13680000	9652610	25549	4201984	13680829	13679926	20741
6	4201632	13509918	13509918	489269	4201632	13511965	13511965	489586	4200936	13681375	9391212	20881	4201632	13511083	13511083	488892
7	4200936	13681375	10663569	21697	4200936	13681375	10663569	21697	4201456	13680000	7427854	45279	4200936	13681375	10663867	21703
8	4201272	13680066	9675054	72189	4201272	13680066	9675054	72189	4201744	11141637	5571153	437039	4201272	13680066	9674968	72054
9	4201744	11141916	5571177	449832	4201744	11141860	5571141	451636	4201272	13681173	5313123	56282	4201744	11141881	5571152	450223
10	4204432	4592146	4592146	19902	4204432	4592146	4592146	19902	4204432	4592162	4337884	19922	4204432	4592186	4592186	19900
11	4201224	13680066	4005012	72465	4201224	13680066	4005012	72465	4200952	6841372	3421371	10113	4201224	13680066	4005098	72382
12	4200952	6841372	3421371	10071	4200952	6841372	3421371	10071	4200920	13672456	2720186	20266	4200952	6841372	3421371	10067
13	4200920	13672456	3008887	20622	4200920	13672456	3008887	20622	4197280	2540001	2540000	44859	4200920	13672456	3008589	20613
14	4204240	2870012	2870012	20510	4204240	2870012	2870012	20547	4203896	2826963	2329112	345111	4203368	2870012	2870012	43945
15	4203728	2870012	2870000	104865	4203728	2870012	2870000	104865	4196952	2540000	2315229	28026	4204240	2870012	2870012	20475
16	4203368	2870000	2870000	43119	4203368	2870000	2870000	43672	4204448	4589943	2295196	39077	4203728	2870009	2870000	107054
17	4203896	2822234	2822229	362910	4203896	2826619	2826614	362243	4201224	13681173	2116312	56351	4203896	2825863	2825859	364418
18	4197280	2540001	2540000	45020	4197280	2540001	2540000	45019	4203368	2870012	2025091	30731	4197280	2540001	2540000	45016
19	4195352	2540000	2540000	28400	4195616	2540000	2540000	20541	4204240	2870010	2003691	22333	4196952	2540000	2540000	28000
20	4196952	2540000	2540000	27995	4195352	2540000	2540000	28400	4195184	2537968	1959381	20049	4195352	2540000	2540000	28400
21	4195616	2540000	2540000	20541	4196952	2540000	2540000	27997	4203208	2870489	1956964	20399	4195616	2540000	2540000	20541
22	4195184	2537968	2537968	20041	4195184	2537968	2537968	20041	4202192	3424330	1714563	2510	4195184	2537968	2537968	20053
23	4195488	2526329	2526329	23937	4195488	2526329	2526329	23936	4203728	2870012	1559280	79394	4195488	2526329	2526329	23936
24	4204448	4589941	2295898	39062	4204448	4589941	2295898	39062	4195616	2540000	1378716	20118	4204448	4589942	2295901	39057
25	4203208	2870508	2234561	21290	4203208	2870507	2234382	21291	4195352	2540000	1378214	21536	4203208	2870507	2234285	21286
26	4203544	2870702	1933673	325531	4203544	2870702	1933673	325532	4195488	1597186	1352342	13344	4203544	2870724	1931514	325852
27	4202192	3424337	1714565	2510	4202192	3424332	1714568	2510	4204000	2200188	1100157	364131	4202192	3424326	1714556	2510
28	4204000	2200166	1100115	370442	4204000	2200164	1100115	370442	4203544	2870648	1075507	338837	4204000	2200160	1100109	372401
29	4196864	2073237	1047972	32663	4196864	2073244	1048222	32666	4196864	2065533	1052239	32632	4196864	2073246	1048222	32671
30	4197192	2118821	960025	46584	4197192	2118465	959897	46605	4197192	2136503	827396	46722	4197192	2118463	959895	46600
31	4203496	2870752	937079	328667	4203496	2870752	937079	328669	4203224	1435287	717787	9935	4203496	2870774	939260	329120
32	4203224	1435287	717787	9896	4203224	1435287	717787	9897	4201720	1393068	696817	70112	4203224	1435287	717787	9895
33	4201720	1393051	697914	73197	4201720	1393061	696810	73490	4203192	2869094	570591	19426	4201720	1393060	696809	73384
34	4203192	2869127	634566	19813	4203192	2869127	634745	19830	4203496	2870707	483628	340049	4203192	2869096	634811	19826
35	4195896	477634	477634	32034	4195896	476639	476639	31910	4195896	498376	375935	19799	4195896	476629	476629	31999
36	4211400	399819	399819	13431	4211400	399820	399820	13395	4211400	399826	323279	16204	4211400	399808	399808	13384
37	4197296	421180	310484	8553	4197296	421536	310612	8539	4204424	574422	287547	2513	4197296	421538	310614	8539
38	4204424	574420	287545	2513	4204424	574420	287545	2513	4197296	403498	264829	8550	4204424	574425	287550	2513
39	4196968	466763	222028	7495	4196968	466756	221778	7493	4196968	474467	217761	7648	4196968	466754	221778	7493
40	4195880	192122	192122	14429	4195880	193117	193117	14461	4201800	171258	156076	50530	4195880	193119	193119	13409
41	4201800	171486	171486	54807	4201800	169500	169500	54532	4197176	221280	154380	4512	4201800	170382	170382	54917
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47	4195504	13925	13925	146	4195504	13925	13925	146	4211392	16400	10000	2775	4211392	16400	10000	2589
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53	4203952	4760	2855	434	4202376	2736	2736	1	4202376	2736	2736	1	4202376	2736	2736	1
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57	4201168	1368	1368	1	4201168	1368	1368	1	4201056	1368	1368	1	4201200	1368	1368	1
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Total L1 Misses	245742044			Total L1 Misses	245742252			Total L1 Misses	245724216							
Total L2 Misses	180140427			Total L2 Misses	180135872			Total L2 Misses	144541360							
Total EAs	933			Total EAs	934			Total EAs	934							
Total EAs (Miss)	249			Total EAs (Miss)	249			Total EAs (Miss)	248							
Total EAs (Hit)	684			Total EAs (Hit)	685			Total EAs (Hit)	686							
Only 1 EA	10			Only 1 EA	10			Only 1 EA	11							
Only 2 EA	10			Only 2 EA	10			Only 2 EA	11							
Only 3 EA	11			Only 3 EA	11			Only 3 EA	12							
Only 4 EA	11			Only 4 EA	11			Only 4 EA	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
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2	4210744	1099374	701805	487978	4210744	1111820	780728	489956	4210744	1010641	265173	466782	4210744	1004661	265996	466453	4210744	1055275	674311	474120	4210744	1072544	755295	477530	4210744	890535	248375	427354	4210744	898461	252621	432734
3	4210784	1323842	203063	119739	4210784	1318390	182557	118913	4210768	167287	52824	111546	4210768	168025	52790	112005	4210784	1295707	201651	119075	4210784	1291958	180869	118101	4210768	176366	66397	117016	4210768	176612	66192	116887
4	4210792	1264175	168892	116690	4210792	1259361	164500	116193	4210760	104936	24525	73674	4210760	105974	25026	74054	4210792	1242769	167790	116977	4210792	1238913	162909	116199	4210760	95407	27111	67243	4210760	94990	26911	67025
5	4196536	201568	137337	54854	4196536	200970	143177	57229	4206096	33632	23549	33632	4206096	33638	24196	33638	4196536	201566	137460	54897	4196536	200745	143247	56972	4206096	33637	23571	33637	4206096	33636	24220	33636
6	4210768	148510	93619	99302	4210768	148216	101226	99387	4196816	43161	19195	42928	4196816	43149	19195	43012	4210768	162448	108962	108691	4210768	162905	117613	108186	4196816	43117	19195	42964	4196816	43119	19195	43019
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60	4208240	4511	967	4187	4204264	24177	836	1919	4196248	26004	89	3343	4207504	19483	73	7997	4198360	2276	1011	2150	4204264	22736	831	1687	4207456	26362	92	10142	4207728	9401	73	4425
61	4207584	12054	965	6825	4203576	1306	812	830	4204264	24179	89	1862	4207432	27626	70	10140	4208240	4600	998	4297	4203576	1295	812	820	4209672	18118	91	9770	4207504	19773	72	7925
62	4209568	35593	951	16753	4209568	35160	737	16495	4209616	41471	82	2175	4207520	26433	66	11149	4207584	11186	924	6293	4208240	4650	709	4330	4207600	33283	90	11211	4209960	8585	72	769
63	4198360	2198	914	2089	4207728	12377	711	6080	4197040	460	81	457	4207728	10843	66	4858	4203576	1294	823	811	4206584	11605	679	5518	4196248	24296	89	3061	4207600	33413	71	11269
64	4203576	1303	821	824	4206584	13524	709	6513	4209960	9731	80	880	4209960	9405	65	890	4204264	22736	800	1700	4207728	10994	678	5547	4204264	22738	89	1642	4207648	32225	65	10146

	Config 01	Config 03	Config 07	Config 09	Config 19	Config 21	Config 25	Config 27
Total L1 Misses	10265518	10266384	10065934	10058732	9821515	9830769	9547723	9554175
Total L2 Misses	2807073	2904373	1085829	1077899	2800868	2898783	1085247	1077657
Total EAs	1459	1451	1458	1455	1456	1457	1462	1453
Total EAs (Miss)	547	561	526	534	481	487	475	478
Total EAs (Hit)	912	890	932	921	975	970	987	975
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

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	4210776	1106305	952560	472880	4210776	1100573	1028526	469091	4210776	1085694	536949	470899	4210776	1084802	535362	470304
2	4210744	774679	642619	348574	4210744	781370	725346	346546	4210744	741123	229309	334552	4210744	742397	230934	334835
3	4210784	774146	189944	98516	4210784	771391	169449	97521	4210768	170531	88864	109064	4210768	169516	88861	108577
4	4210792	715168	157276	92932	4210792	712280	150791	91975	4210760	84187	30477	55669	4210760	83868	30633	55603
5	4196536	200440	137025	55816	4196536	199973	143045	58342	4206096	33632	23563	33632	4206096	33628	24209	33628
6	4210768	150730	131914	95170	4210768	150480	141011	94341	4196816	43129	19195	42940	4196816	43133	19195	42741
7	4196592	116670	82944	32350	4196592	117062	91553	34696	4196264	38346	18225	38346	4196264	38346	18225	38346
8	4210456	182837	57208	45828	4210760	63962	57599	41788	4197000	42188	18100	42094	4197000	42190	18075	42086
9	4210760	64810	53106	42665	4210456	185539	44269	46873	4210784	764660	16433	91741	4204280	33663	15717	33662
10	4206096	33630	31699	33630	4206096	33631	31729	33631	4204280	33664	15794	33664	4210784	764359	15403	91668
11	4196816	43140	21336	40784	4196816	43134	21559	40261	4210792	706570	14557	86193	4210792	706280	13321	86124
12	4210400	52401	20656	14788	4197000	42422	20716	41455	4198392	22610	12771	22193	4198392	22605	12846	22179
13	4197000	42196	20582	41439	4196264	38346	18660	38346	4196592	115602	10564	24711	4196592	115515	9712	24274
14	4196528	147656	19429	41209	4210400	48986	17359	14661	4210456	199311	7951	49610	4210456	199543	6309	49727
15	4196264	38344	18497	38344	4204280	33665	16812	33662	4196536	201264	7423	44398	4196536	201354	6044	44244
16	4210408	130965	18128	19319	4210408	130938	14447	19543	4198368	16301	4165	16026	4198368	16374	4138	16100
17	4204280	33669	16800	33665	4198392	23572	14055	22059	4202200	11648	3474	11160	4202200	11791	3693	11306
18	4198392	23556	13885	22040	4196528	150378	11543	43446	4202096	15901	2914	15516	4202096	15751	3148	15408
19	4196576	87543	13717	32091	4210376	79320	10288	9656	4210400	33082	2832	13520	4210400	32456	2211	13372
20	4196520	146930	11051	38105	4196576	87644	8867	33602	4196928	2648	1233	1820	4196928	2651	1227	1829
21	4210376	79324	9749	9504	4206536	43871	8139	15736	4198360	2596	833	2578	4198360	2537	810	2523
22	4210416	68356	8671	13720	4210416	68297	7394	13819	4210408	130533	742	19978	4210408	130553	650	20131
23	4206536	43797	8273	15841	4202096	16041	7234	15661	4204312	2286	687	1234	4203576	1293	643	797
24	4202096	15974	7136	15617	4196520	145758	6990	39622	4203576	1295	662	815	4206200	832	631	813
25	4209624	89057	6393	17616	4202200	12080	5363	11553	4206200	784	619	774	4204312	2285	550	1241
26	4203752	246881	5670	21454	4198368	15542	5337	14595	4206160	632	573	610	4246232	1232	548	1231
27	4202200	12117	5371	11675	4209624	89168	5162	17842	4246232	1232	548	1231	4206160	632	547	611
28	4198368	15641	5306	14634	4206520	51931	4314	17801	4209624	87504	540	17116	4203544	1293	519	782
29	4196568	62559	4389	23141	4207664	24338	2803	11788	4203544	1294	512	792	4206064	642	517	642
30	4206520	51893	4364	17851	4207648	17875	2659	9052	4206064	642	511	642	4203592	1292	512	797
31	4204016	157380	3521	15487	4196568	63067	2625	24479	4203592	1293	504	798	4203568	1294	506	797
32	4207664	24198	2976	11794	4196928	2693	2443	1469	4198352	2076	500	1964	4209624	87644	499	17197
33	4207648	18068	2890	9039	4196632	27925	2255	12468	4203568	1295	498	815	4198352	2053	481	1944
34	4196632	29901	2579	12103	4210904	29352	2220	4486	4206536	43816	448	12473	4206536	43816	448	12473
35	4196928	2682	2455	1486	4207520	15132	1890	9442	4210416	68085	440	14159	4202168	1049	397	1031
36	4210904	29426	2430	4567	4198376	12524	1811	2703	4202168	1028	381	1009	4210416	68118	357	14165
37	4207520	15135	2096	9447	4197024	2560	1758	2324	4210376	78866	328	10061	4202184	1122	332	1086
38	4209728	35630	2086	13380	4207504	12175	1661	7514	4202184	1111	307	1075	4202120	624	288	610
39	4209616	19631	1838	1544	4207600	17296	1640	8874	4206520	52855	264	14468	4206520	52818	241	14403
40	4207600	17387	1825	8867	4205360	4398	1627	4398	4208240	2934	253	2771	4208240	2941	223	2773
41	4207504	12083	1787	7436	4209616	19621	1585	1527	4196296	3618	246	1759	4203680	486	192	329
42	4198376	12599	1719	2781	4209728	35777	1583	13480	4202720	578	238	563	4209568	14863	182	8714
43	4205360	4398	1513	4398	4198384	5127	1501	2536	4210392	5451	237	3910	4210392	5511	181	3944
44	4196248	11242	1478	3034	4196248	11241	1481	2997	4198384	5115	236	2668	4209728	34069	177	13048
45	4209976	6514	1446	1855	4210368	16238	1431	1047	4209728	34400	206	13199	4209976	6131	150	1521
46	4207640	9374	1419	5369	4196296	3617	1348	1830	4209568	14909	195	8735	4196296	3618	147	1761
47	4207456	13330	1407	7936	4207456	13475	1343	7973	4203680	486	195	323	4198384	5109	142	2657
48	4207480	10259	1364	6109	4207640	9439	1326	5299	4210480	4689	181	4361	4210480	4816	142	4471
49	4210392	3918	1355	3219	4207480	10286	1298	6084	4209976	6177	156	1570	4197040	582	128	578
50	4207432	8448	1335	5321	4204312	2286	1283	1222	4203688	329	132	228	4203688	328	128	227
51	4198384	5046	1331	2475	4207432	8619	1235	5406	4207624	8513	130	4315	4209672	8959	124	5759
52	4210480	4647	1330	4313	4198360	2553	1225	2435	4209672	8889	123	5704	4207624	8789	101	4260
53	4196296	3616	1305	1904	4207424	8320	1188	6078	4204016	156943	113	15073	4209616	19674	97	1459
54	4207424	8410	1281	6100	4210392	4368	1161	3505	4210384	2370	104	2100	4210904	28709	88	4078
55	4204312	2285	1270	1225	4209976	6531	1038	1841	4209616	19715	99	1451	4207664	23747	88	10487
56	4210368	16257	1253	1022	4203752	246877	1026	21243	4210904	28618	98	4009	4207480	10756	79	5627
57	4198360	2538	1223	2429	4207584	7223	967	4680	4197040	513	98	508	4210384	2436	77	2178
58	4209568	16397	1103	9369	4210480	4642	965	4319	4198376	12555	91	2853	4207728	5898	76	3244
59	4197024	2571	1102	2323	4204264	9932	944	1427	4204264	9932	91	1400	4207600	17628	75	8177
60	4207496	6847	1093	4483	4207496	6704	907	4369	4196248	11242	90	2785	4207456	13975	74	7443
61	4207584	7086	998	4672	4209568	16277	855	9413	4207480	10573	90	5531	4210376	78884	73	10112
62	4204264	9933	990	1455	4207624	8819	830	4718	4207456	13977	88	7435	4202152	173	67	172
63	4203792	64791	971	7706	4203576	1296	813	828	4207664	23954	86	10553	4207520	14360	65	8035
64	4207624	8917	959	4759	4198352	1892	771	1699	4207728	5812	73	3208	4207648	17876	61	8109
Total L1 Misses	6362128			Total L1 Misses	6358736			Total L1 Misses	6307276			Total L1 Misses	6305779			Total L1 Misses
Total L2 Misses	2754757			Total L2 Misses	2859628			Total L2 Misses	1080603			Total L2 Misses	1073405			Total L2 Misses
Total EAs	1464			Total EAs	1453			Total EAs	1463			Total EAs	1469			Total EAs
Total EAs (Miss)	507			Total EAs (Miss)	529			Total EAs (Miss)	518			Total EAs (Miss)	526			Total EAs (Miss)
Total EAs (Hit)	957			Total EAs (Hit)	924			Total EAs (Hit)	945			Total EAs (Hit)	943			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	4210776	1069772	916435	479956	4210776	1065977	994022	478274	4210776	1056553	500711	479251	4210776	1055128	498648	479999
2	4210744	771270	641350	346112	4210744	781542	728581	348686	4210744	738675	232500	334953	4210744	740625	235869	335734
3	4210784	499552	176352	90329	4210784	497143	165082	89507	4210768	188614	107264	113932	4210768	188918	106540	115218
4	4210768	171170	152348	101184	4210768	169469	160289	99745	4210760	100394	44868	61841	4210760	99940	44650	61818
5	4210792	421912	147491	78572	4210792	421395	147019	77858	4206096	33640	23539	33640	4206096	33634	24181	33634
6	4196536	201443	137409	56098	4196536	200965	143208	58238	4196816	43117	19195	43027	4196816	43118	19196	43028
7	4196592	116809	82645	32723	4196592	117278	91264	34763	4196264	38389	18225	38389	4196264	38389	18225	38389
8	4210760	79684	68732	48575	4210760	77279	71938	46836	4197000	42051	18056	41966	4197000	41789	17972	41714
9	4210456	150762	51192	41311	4210456	152201	44341	42146	4204280	33665	15796	33664	4204280	33665	15719	33664
10	4206096	33633	31695	33633	4206096	33632	31713	33632	4210784	492374	15710	82742	4210784	492660	14864	82908
11	4196816	43117	21310	41286	4196816	43117	21559	40788	4210792	417491	14004	72436	4198392	22936	13977	22522
12	4197000	42254	20602	41473	4197000	42345	20656	41499	4198392	22927	13618	22525	4210792	417337	12943	72318
13	4196264	38376	18499	38376	4196264	38389	18631	38389	4196592	115774	10500	24255	4196592	115429	9599	23780
14	4210400	41230	18441	13858	4210400	39443	17497	13717	4210456	167129	8018	44855	4210456	167559	6436	45073
15	4196528	155140	16820	42217	4204280	33664	16816	33663	4196536	202394	7470	43541	4196536	202703	6161	43590
16	4204280	33664	16802	33664	4198392	23653	13992	22234	4202200	11869	3467	11467	4202200	11961	3770	11548
17	4210408	50827	14126	11779	4210408	50834	12062	11900	4198368	15634	3097	15391	4202096	15420	3064	15098
18	4198392	23662	13821	22131	4210376	25816	11282	5077	4202096	15489	2875	15170	4198368	16044	3013	15789
19	4196576	90926	12599	32861	4196528	159299	9491	43748	4210400	22060	2676	10932	4210400	21369	2117	10751
20	4196520	148921	9893	38629	4206536	39434	8069	14212	4196928	2605	1232	1802	4196928	2605	1228	1808
21	4210376	25846	9853	5026	4196576	90652	7976	33994	4198360	2988	1021	2970	4198360	2727	813	2707
22	4206536	39407	8011	14127	4202096	15506	7007	15216	4210408	50285	669	12139	4203576	1292	642	809
23	4202096	15739	6932	15475	4210416	26097	5965	8065	4204312	1797	669	1047	4206200	660	624	660
24	4210416	26110	6701	8043	4196520	149166	5679	39467	4203576	1294	661	803	4210408	50332	588	12175
25	4209624	18687	5954	7899	4202200	12384	5451	11901	4206200	663	627	663	4204312	1797	545	1049
26	4202200	12278	5460	11820	4209624	18512	5288	7861	4206160	632	571	613	4246232	1086	544	1086
27	4203752	187779	5431	18469	4198368	14160	4617	13189	4246232	1086	544	1086	4206160	632	544	612
28	4198368	14104	4612	13104	4206520	53331	4509	18155	4198352	1985	532	1891	4203544	1293	518	780
29	4206520	53313	4513	18036	4207648	15546	2570	8619	4209624	18402	512	7939	4206064	644	516	644
30	4207664	13490	2498	7970	4206064	644	511	644	4203592	1292	512	803	4203592	1292	512	803
31	4196628	2620	2454	1442	4203544	1293	510	779	4203568	1296	507	807	4203568	1296	507	807
32	4196568	66303	2288	25082	4203592	1292	504	800	4209624	18360	476	7845	4209624	18360	476	7845
33	4198376	6376	2189	2616	4203568	1295	500	804	4198352	1846	470	1737	4198352	1846	470	1737
34	4210904	11104	2049	1927	4206536	39325	459	11138	4206536	39367	433	11105	4206536	39367	433	11105
35	4207520	8884	1798	6397	4210416	25794	383	8212	4202168	869	422	865	4202168	869	422	865
36	4207600	12419	1777	7187	4202168	895	371	893	4202120	636	330	635	4202120	636	330	635
37	4197024	2541	1725	2309	4210376	25689	363	5659	4210416	25784	319	8274	4210416	25784	319	8274
38	4205360	4491	1718	4491	4206520	54209	315	14725	4206520	54105	291	14592	4206520	54105	291	14592
39	4209616	4990	1635	791	4202120	583	300	583	4202184	876	248	849	4202184	876	248	849
40	4198360	3249	1618	3153	4208240	2413	257	2300	4208240	2414	225	2301	4208240	2414	225	2301
41	4196632	28027	1564	12463	4202184	880	244	850	4209728	6461	214	4499	4209728	6461	214	4499
42	4209738	6841	1555	4698	4198384	4568	237	2616	4203680	486	192	329	4203680	486	192	329
43	4207504	9364	1543	6511	4196296	3196	236	1567	4210392	3915	189	2940	4210392	3915	189	2940
44	4198384	4612	1543	2564	4210392	3858	235	2944	4197040	772	187	763	4197040	772	187	763
45	4210368	4416	1542	404	4209728	6466	216	4529	4209568	3445	185	2805	4209568	3445	185	2805
46	4207640	8148	1349	4988	4209568	3492	203	2829	4210480	3967	157	3776	4210480	3967	157	3776
47	4207456	9829	1329	6454	4203680	486	195	329	4209976	3329	152	1197	4209976	3329	152	1197
48	4196248	5118	1319	2430	4210480	3909	178	3737	4198384	4566	143	2663	4198384	4566	143	2663
49	4196296	3196	1248	1635	4209976	3358	164	1187	4196296	3196	142	1570	4196296	3196	142	1570
50	4204312	1797	1227	1025	4203688	324	132	223	4203688	324	128	227	4203688	324	128	227
51	4207424	6494	1224	5109	4198376	6442	130	2780	4198376	6442	130	2780	4198376	25680	98	5704
52	4207480	5485	1171	3813	4197040	702	129	691	4209672	1909	98	1600	4209672	1909	98	1600
53	4198352	2454	1151	2270	4207624	4384	116	2794	4209616	5218	97	739	4209616	5218	97	739
54	4204312	1797	1202	1029	4207432	6845	1111	4796	4209672	1877	111	1558	4207624	4268	90	2750
55	4207432	6807	1187	4834	4209976	3675	1056	1391	4203752	187640	107	18284	4210904	11005	84	1845
56	4197024	2529	1142	2282	4207496	5919	1028	4102	4209616	5222	99	741	4207480	5538	84	3444
57	4196296	3196	1130	1737	4209568	3624	981	2931	4210904	11002	96	1863	4207664	13345	81	7199
58	4198352	2448	1090	2243	4210480	3826	919	3669	4207456	10032	95	5996	4207456	10231	76	6096
59	4207496	6067	1080	4176	4207584	5289	874	3882	4207480	5489	91	3378	4207504	9257	76	5784
60	4209568	3608	1040	2933	4204264	3805	827	1194	4207648	15102	90	7689	4207648	15239	73	7715
61	4203792	65702	999	6867	4210392	2575	817	2305	4196248	5118	89	2285	4207600	12653	70	6736
62	4210392	2402	983	2168	4203576	1292	812	826	4204264	3805	89	1181	4202152	126	70	126
63	4207584	5234	944	3914	4207624	4589	810	3081	4207664	13307	83	7153	4207640	8337	67	4512
64	4207624	4613	902	3103	4203752	187741	742	18492	4207504	9298	78	5772	4198376	6424	65	2759
Total L1 Misses	5224497			Total L1 Misses	5226030			Total L1 Misses	5190435			Total L1 Misses	5190898			
Total L2 Misses	2704544			Total L2 Misses	2844048			Total L2 Misses	1078738			Total L2 Misses	1072370			
Total EAs	1460			Total EAs	1459			Total EAs	1456			Total EAs	1465			
Total EAs (Miss)	431			Total EAs (Miss)	458			Total EAs (Miss)	419			Total EAs (Miss)	433			
Total EAs (Hit)	1029			Total EAs (Hit)	1001			Total EAs (Hit)	1037			Total EAs (Hit)	1032			
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 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			

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	4202000	934318	276774	591851	4202000	933734	262727	583430	4202000	934275	194449	579505	4202000	933951	185058	574722	4202000	883635	274368	566842	4202000	883123	261717	559197	4202000	883279	194069	555249	4202000	883116	184890	550407
2	4216808	191288	126368	72025	4216808	191415	126366	71912	4216808	192352	126446	72198	4216808	192687	126423	72064	4216808	193333	125806	65264	4216808	193530	125831	65104	4216808	194332	125827	65757	4216808	194621	125852	65616
3	4216856	104650	103447	42098	4216856	104620	103410	41917	4216856	104618	103422	41854	4216856	104679	103476	41671	4216856	97904	96857	32190	4216856	97942	96881	31961	4216856	97788	96731	32233	4216856	97732	96881	32011
4	4201952	303365	79609	204692	4201952	303031	72274	201820	4216768	71970	51883	37390	4216768	71888	51993	37245	4201952	252702	79194	177674	4201952	252328	72216	174794	4216768	73187	54974	25486	4216768	73134	55048	25293
5	4216768	71905	51675	37490	4216768	71920	51750	37427	4201952	303109	47827	199496	4201952	302844	43654	197637	4216768	73004	54611	25338	4216768	72943	54599	25137	4201952	252517	47793	172480	4201952	252305	43605	170726
6	4216872	130746	36744	65178	4216872	130743	36090	65112	4216880	48745	34223	20308	4216880	48772	34395	20229	4216880	53693	36849	18062	4216880	53720	36913	17942	4216880	53630	37350	18111	4216880	53739	37463	17984
7	4201936	198600	35108	136936	4216880	48774	33730	20392	4216872	130733	31789	64777	4216872	130733	29129	64593	4216872	98344	36579	52555	4216872	98340	36080	52497	4216872	98328	31773	52066	4216760	62805	29222	21895
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9	4216704	116828	33134	66961	4201936	198550	28327	135623	4216760	52196	22187	27404	4216760	52640	22442	27530	4216704	86850	32748	52413	4216760	61403	28362	21360	4216760	62196	28824	21741	4216704	86352	27014	52095
10	4201224	113826	32210	64334	4200936	117971	26803	70865	4203112	43000	18520	10075	4203112	43000	18245	10075	4201224	109130	31591	63532	4201936	152531	28345	110578	4216424	27796	19447	8637	4216424	27979	19563	8668
11	4200936	117990	31223	71238	4201224	113786	26639	63716	4203200	42990	18520	9369	4203200	42990	18245	9369	4200936	109779	30606	68442	4200936	109744	26645	67799	4203112	37620	18520	8707	4216888	24631	18247	8743
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13	4201616	115448	26734	59914	4216760	51576	21833	27102	4203032	42780	18520	10847	4203224	42920	18245	10861	4216760	61105	28202	21344	4198880	104863	25789	80364	4202976	37610	18520	9390	4203224	37620	18245	9405
14	4216760	51381	21757	27090	4201616	115449	21389	57932	4201224	113805	18500	63223	4203032	42780	18245	10847	4201616	100597	26877	53925	4201616	100614	21536	51810	4203200	37610	18520	8206	4203112	37620	18245	8707
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21	4203448	42912	18363	26272	4203032	42780	18245	10847	4203664	37473	18128	12602	4203664	37473	18235	12591	4203264	37606	18459	23021	4202976	37610	18245	9391	4203744	36512	18235	22887	4203344	37606	18237	24472
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Total L1 Misses	8076501			Total L1 Misses	8079625			Total L1 Misses	8078043			Total L1 Misses	8082006			Total L1 Misses	5460113			Total L1 Misses	5459022			Total L1 Misses	5459698			Total L1 Misses	5462557		
Total L2 Misses	1525000			Total L2 Misses	1457302			Total L2 Misses	1255080			Total L2 Misses	1220696			Total L2 Misses	1520845			Total L2 Misses	1456586			Total L2 Misses	1254100			Total L2 Misses	1220255		
Total EAs	2225			Total EAs	2235			Total EAs	2233			Total EAs	2233			Total EAs	2221			Total EAs	2214			Total EAs	2208			Total EAs	2207		
Total EAs (Miss)	861			Total EAs (Miss)	853			Total EAs (Miss)	859			Total EAs (Miss)	871			Total EAs (Miss)	563			Total EAs (Miss)	556			Total EAs (Miss)	559			Total EAs (Miss)	558		
Total EAs (Hit)	1364			Total EAs (Hit)	1382			Total EAs (Hit)	1374			Total EAs (Hit)	1362			Total EAs (Hit)	1658			Total EAs (Hit)	1658			Total EAs (Hit)	1649			Total EAs (Hit)	1649		
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		
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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	4202000	714969	273504	507325	4202000	714306	258905	503074	4202000	714484	193831	501862	4202000	714457	184918	497747	4202000	649125	263274	473902	4202000	648848	255383	469298	4202000	649002	192381	467777	4202000	648723	184583	464399
2	4216808	191696	127649	68822	4216808	191872	127665	68674	4216808	192688	127705	69157	4216808	192976	127597	69017	4216808	193956	126097	64963	4216808	194102	126088	64892	4216808	194844	126092	65559	4216808	195136	126079	65399
3	4216856	101917	100862	37544	4216856	101958	100892	37372	4216856	101939	100856	37521	4216856	101896	100824	37283	4216856	96935	95882	31721	4216856	96933	95866	31308	4216856	96757	95706	31591	4216856	96595	95551	31326
4	4201952	198632	81267	153431	4201952	198493	75555	151801	4216768	72902	53026	30638	4216768	72812	53170	30451	4201952	171747	80678	137605	4201952	171325	75078	136561	4216768	73213	55159	24893	4216768	73210	55329	24709
5	4216768	72883	52848	30600	4216768	72827	52826	30460	4201952	198593	48086	150167	4201952	198444	43729	148813	4216768	73024	54814	24817	4216768	72910	54777	24466	4201952	171449	48243	135104	4201952	171224	43698	133963
6	4216872	84836	36738	47959	4216872	84834	36059	47909	4216880	49964	34981	18781	4216880	50101	35163	18674	4201936	92264	39730	76665	4216880	54767	37210	18058	4216880	54640	37610	18230	4216880	54805	37781	18123
7	4201936	111235	36108	88181	4216880	50015	34493	18701	4216872	84834	31791	47615	4216872	84836	29136	47491	4216880	54650	37091	18312	4216872	69657	36031	41556	4216872	69659	31570	41280	4216760	62670	29374	21538
8	4216880	49997	34421	18812	4216704	75344	32108	47696	4216704	74968	29286	47486	4216760	60441	28101	22583	4216872	69867	36313	41524	4216704	60009	32097	39877	4216704	59600	29364	39666	4216872	69659	28844	41136
9	4216704	75346	32802	47719	4201936	111166	30141	87647	4216760	59881	27754	22442	4216704	74888	27007	47438	4216704	60110	32648	40105	4201936	81970	30261	68961	4216760	62048	28958	21386	4216704	59487	27087	39574
10	4201224	79058	31999	52704	4216760	59140	27331	22105	4203200	38517	18522	8410	4202976	38550	18245	9644	4198880	65736	30757	57256	4216760	61289	28522	21010	4216424	28720	20280	8847	4216424	28890	20381	8873
11	4200936	79002	31109	55221	4198880	77106	27280	66406	4202976	38550	18520	9644	4203200	38517	18245	8410	4201224	65270	30263	44970	4198880	65774	27036	57748	4203200	37036	18522	8092	4216888	24840	18506	8611
12	4198880	77162	30426	66056	4200936	78955	26362	54753	4203112	38510	18520	8942	4203224	38514	18245	9660	4200936	68127	29448	48806	4200936	68097	25701	48612	4216888	24834	18521	8738	4203032	37050	18245	9271
13	4201616	68982	27521	44140	4201224	79066	26326	52141	4203032	38510	18520	9675	4203032	38510	18245	9675	4201616	59497	28620	39486	4201224	65133	25556	44713	4203032	37050	18520	9271	4203224	37050	18245	9264
14	4216760	58879	27202	22088	4201616	68948	22791	43106	4201224	79065	18482	51467	4203112	38510	18245	8941	4216760	60988	28378	20943	4201616	51860	22906	35404	4202976	37035	18520	9253	4203200	37036	18245	8092
15	4203112	38510	18526	8943	4203200	38517	18250	8411	4203264	38566	18452	23599	4203704	36794	18245	9132	4216424	28486	20177	8675	4216424	28536	20197	8746	4203112	37035	18520	8569	4202976	37035	18245	9253
16	4203200	38517	18522	8411	4203448	38562	18245	23628	4203344	38545	18400	25112	4204024	36730	18245	22833	4216888	25440	18992	8997	4216888	25416	18979	8760	4203264	37040	18452	22680	4203112	37035	18245	8569
17	4202976	38550	18520	9645	4202976	38550	18245	9645	4203704	36793	18320	9136	4204032	36712	18245	23692	4203032	37050	18565	9270	4203200	37036	18247	8093	4203344	37040	18400	24089	4204032	36470	18245	23540
18	4203032	38510	18520	9676	4203344	38545	18245	25113	4201936	111089	18302	87113	4203264	38566	18239	23599	4203200	37036	18565	8093	4203032	37050	18245	9272	4201936	81943	18382	68504	4203704	36470	18245	8784
19	4203264	38566	18469	23600	4203224	38514	18245	9661	4203224	38514	18250	9660	4203344	38545	18237	25112	4203112	37035	18526	8555	4203224	37050	18245	9266	4203224	37050	18245	9263	4204024	36470	18245	22801
20	4203344	38545	18445	25113	4203112	38510	18245	8942	4204032	36712	18245	23696	4203744	36801	18235	23077	4202976	37008	18520	9249	4203344	37040	18245	24090	4204032	36470	18245	23542	4203264	37040	18239	22680
21	4203704	36794	18432	9136	4203032	38510	18245	9676	4203744	36801	18235	23077	4203664	36762	18235	8315	4203264	37040	18462	22688	4203448	37040	18245	22706	4203744	36470	18227	22857	4203344	37040	18237	24089
22	4203448	38562	18308	23629	4203704	36794	18245	9129	4203664	36762	18146	8319	4202728	36644	17139	30020	4203344	37040	18429	24076	4203112	37035	18245	8570	4203704	36470	18135	8785	4203744	36470	18235	22856
23	4203224	38514	18295	9661	4204024	36730	18245	22837	4200936	78951	18001	54005	4216424	24754	16537	8524	4203224	37050	18305	9262	4202976	37005	18245	9248	4203664	36470	18128	7988	4203664	36470	18235	7989
24	4203664	36762	18266	8324	4204032	36712	18245	23698	4204024	36730	17508	22838	4216640	35193	16319	13005	4203448	37040	18282	22689	4203704	36470	18245	8784	4201224	65149	17897	44466	4202728	36470	17079	29970
25	4204032	36712	18249	23698	4202728	36645	18245	30076	4202728	36652	17270	30016	4216888	24145	15856	10659	4203704	36470	18253	8792	4202728	36470	18245	30031	4200936	68114	17509	48365	4216640	32637	16319	10146
26	4204024	36730	18245	22833	4203264	38566	18240	23600	4216424	24588	16426	8504	4216512	36102	15525	10644	4203664	36470	18250	7993	4204024	36470	18245	22800	4204024	36470	17465	22803	4216512	35852	15964	10344
27	4202728	36645	18245	30076	4203664	36762	18238	8313	4216640	35191	16322	13063	4216648	27954	15114	10947	4204032	36470	18249	23484	4204032	36470	18245	23539	4202728	36470	17121	29965	4201936	81968	14925	68003
28	4203744	36801	18235	23075	4203744	36801	18235	23075	4198880	77112	16155	67187	4201224	79079	14967	52150	4204024	36470	18249	22631	4203264	37040	18239	22681	4216640	32637	16320	10209	4201224	65145	14912	44274
29	4216888	24907	16447	11031	4216640	35196	16320	12999	4216888	24193	15883	10773	4201936	111163	14927	86445	4202728	36470	18245	29121	4203664	36470	18238	7989	4198880	65767	16226	58525	4200936	68106	14804	48450
30	4216640	35193	16340	13058	4216424	24345	16307	8419	4216648	28593	15509	11302	4200936	78983	14857	54737	4203744	36470	18235	22804	4203744	36470	18235	22856	4216512	35818	15924	10344	4216648	27124	14715	9408
31	4216424	24289	16293	8418	4216648	29422	15975	11500	4216512	36096	15492	10658	4216632	29760	14252	10791	4216640	32667	16331	10195	4216640	32637	16320	10091	4216648	27830	15183	9771	4216632	28475	14209	8733
32	4216648	29686	16127	11693	4216512	36067	15445	10634	4201616	68976	14263	41235	4198880	77162	14077	67226	4216512	35782	15877	10363	4216512	35776	15877	10306	4201616	51946	14448	34335	4198880	65756	14079	58609
33	4216512	36061	15420	10651	4260912	34162	14296	29911	4216632	29766	14253	10842	4203448	38562	14049	23627	4216648	28897	15799	10110	4216648	28636	15629	9877	4216632	28489	14216	8796	4203448	37040	14043	22705
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35	4216632	29761	14260	10837	4223152	26542	13056	26405	4216792	25121	13041	8919	4223152	26542	13055	26405	4223152	26135	13056	26135	4223152	26135	13056	26135	4216792	22944	12192	6704	4216792	23028	12239	6704
36	4223152	26542	13056	26405	4216792	25028	12986	8854	4216680	68469	9736	27571	4216680	68993	11408	41035	4216792	22899	12179	6683	4216792	22897	12179	6631	4216680	68611	9232	23534	4201616	51972	11449	33492
37	4216792	25016	12992	8874	4216680	68691	9834	27502	4197584	17652	8757	17652	4216680	68194	9570	27282	4198432	44644	10764	36416	4216680	68865	9304	23279	4197584	17513	8757	17513	4216680	68272	9080	23205
38	4200920	39581	10972	29178	4258288	28279	9364	26693	4198312	18657	8752	18657	4197584	17652	8757	17652	4198856	41755	10429	34539	4258288	19440	9012	18178	4198312	17649	8748	17649	4197584	17513	8757	17513
39	4201208	39553	10277	28603	4198312	18650	8893	18650	4203448	38562	8395	23628	4198312	18657	8686	18657	4200920	43152	10068	31445	4198312	17649	8892	17649	4203448	37040	8397	22705	4198312	17649	8673	17649
40	4216680	68773	9900	27691	4197584	17652	8757	17652	4216320	8352	8006	2538	4216320	8395	8048	2544	4201808	38278	10027	29011	4197584	17513	8757	17513	4216320	8568	8245	2555	4216320	8606	8280	2563
41	4198856	39220	9639	32662	4198432	38986	8567	32083	4216408	8812	4842	3139	4216408	8767	4794	3116	4201208	30465	9960	23256	4198432	44630	8389	36546	4216304	16048	7378	4836	4216304	16125	7418	4854
42	4198432	39017	9557	32003	4200920	39565	8330	28905	4216672	25301	4780	16893	4216672	25292	4373	16870	4216680	69005	9360	23775	4201208	30488	8179	23240	4216672	14944	4816	10384	4216672	14944	4413	10366
43	4258288	27994	9387	26395	4201208	39559	8189	28427	4201808	47606	4681	33818	4216304	12706	4262	4397	4198312	17649	8984	17649	4216320	8433	8123	2510	4201808	33761	4720	25849	4216848	14888	4094	9768
44	4201808	48011	9369	34767	4216320	8195	7865	2487	4216848	35990	4615	21292	4216848	35992	4034	21264	4197584	17513	8757	17513	4200920	43137	8056	31033	4216848	14887	4671	9786	4201808	33760	3741	25537
45	4198312	18645	8970	18645	4201808	47996	7729	34590	4216304	12627	4233	4383	4201808	47548	3770	33445	4216320	8400	8090	2516	4201808	34152	7702	26401	4198432	44627	4011	36558	4196680	6734	3583	6734
46	4197584	17652	8757	17652	4198856	39201	7527	32776	4198432	38967	3925	32243	4196680	6726	3568	6726	4216304	15856	7351	4772	4216304	15902	7361	4776	4200920	43161	3722	31027	4223136	6527	3264	6527
47	4216320	8166	7836	2483	4216848	35990	6498	21324	4200920	39569	3694	28695	4223136	7427	3264	6990	4216848	15017	6829	9890	4198856	41815	7186	34759	4201208	30464	3642	23159	4216688	9134	3215	6165
48	4216848	35989	6789	21333	4216672	25303	6491	16925	4201208	39565	3594	27945	4216688	9688	3143	6678	4216672	15053	6818	10474	4216848	14886	6500	9797	4196680	6733	3583	6733	4200920	43161	2998	31234
49	4216672	25311	6774	16927	4216888	8498	5988	3682	4196680	6726	3568	6726	4216440	3806	3094	1518	4201584	17828	6774	12710	4216672	14944	6497	10402	4198856	41819	3505	35153	4201208	30494	2981	23094
50	4201584	27814	6721	18060	4201584	27632	5044	17587	4198856	39194	3554	33228	4200920	39581	3017	28798	4201696	10766	4191	9779	4201584	17650	5335	12486	4216688	8955	3413	6052	4216392	3106	2934	1007
51	4216408	8876	4912	3180	4216408	8843	4871	3148	4216688	9536	3339	6592	4201208	39555	2989	28405	4196680	6730	3583	6730	4196680	6735	3585	6735	4223136	6527	3264	6527	4198432	44641	2897	36628
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53	4216304	12431	4219	4319	4196680	6726	3568	6726	4216440	3913	3156	1568	4198856	39228	2875	33196	4216392	3486	3296	1125	4201696	10933	3303	9930	4260912	28324	2937	25196	4204056	4561	2281	1086
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55	4216688	9119	3440	6334	4223136	7427	3264	6990	4216392	3077	2847	1144	4260912	34653	2287	30366	4199352	5255	2380	5255	4223136	6527	3264	6527	4203312	15802	2281	5493	4203176	16040	2280	2441
56	4223136	7427	3264	6990	4216440	4027	3216	1584	4258288	28061	2309	26447	4204056	88253	2281	25144	4198288	4379	2362	4379	4204056	4562	2282	1085	4203096	15409	2281	2330	4203312	15802	2280	5493
57	4216440	4074	3246	1610	4201696	23864	3215	18307	4203176	7805	2283	1673	4203976	46595	2280	24828	4202952	15378	2359	1733	4203016	16180	2280	1785	4216568	4565	2281	1276	4203240	15790	2280	5494
58	4216392	3312	3090	1226	4216392	3289	3071	1209	4203096	7777	2283	1492	4203992	46591	2280	24904	4203080	15358	2354	1735	4203176	16040	2280	2442	4204056	4561	2281	1085	4202952	15440	2280	1735
59	4199352	8661	2387	8661	4204056	88251	2281	25161	4204056	88253	2281	25167	4203176	7805	2280	1673	4203316	15989	2322	5497	4203016	15909	2280	5985	4203016	16180	2280	1783	4203080	15436	2280	1737
60	4203096	7777	2333	1492	4203976	46595	2280	24830	4203992	46591	2280	24912	4203080	7790	2280	1157	4203240	15778	2316	5479	4203312	15787	2280	5494	4203176	16040	2280	2441	4203096	15409	2280	2330
61	4202952	7720	2330	1155	4203992	46590	2280	24920	4203080	7790	2280	1157	4203096	7777	2280	1492	4203416	15922	2306	5959	4203240	15775	2280	5496	4203240	15790	2280	5495	4203720	4560	2280	2793
62	4203312	7173	2301	3391	4203176	7805	2280	1673	4202952	7720	2280	1155	4202952	7720	2280	1155	4203096	15347	2301	2120	4202952	15410	2280	1736	4202952	15440	2280	1735	4203992	4560	2280	2795
63	4203080	7790	2300	1157	4203080	7790	2280	1157	4203016	7297	2280	1132	4203016	7297	2280	1132	4203016	16200	2289	1785	4203080	15404	2280	1739	4203080	15435	2280	1737	4203680	4560	2280	1026
64	4203416	7453	2299	3821	4203096	7777	2280	1492	4203240	7198	2280	3397	4203240	7198	2280	3398	4216568	4567	2289	1278	4203096	15378	2280	2331	4203680	4560	2280	1026	4203976	4560	2280	2908
Total L1 Misses	4161896			Total L1 Misses	4119340			Total L1 Misses	4160036			Total L1 Misses	4161329			Total L1 Misses	3436641			Total L1 Misses	3387640			Total L1 Misses	3420922			Total L1 Misses	3420535		
Total L2 Misses	1532057			Total L2 Misses	1454146			Total L2 Misses	1255839			Total L2 Misses	1220696			Total L2 Misses	1496818			Total L2 Misses	1442163			Total L2 Misses	1253550			Total L2 Misses	1220251		
Total EAs	2231			Total EAs	2203			Total EAs	2217			Total EAs	2218			Total EAs	2214			Total EAs	1476			Total EAs	2227			Total EAs	2229		
Total EAs (Miss)	767			Total EAs (Miss)	742			Total EAs (Miss)	766			Total EAs (Miss)	761			Total EAs (Miss)	477			Total EAs (Miss)	386			Total EAs (Miss)	463			Total EAs (Miss)	469		
Total EAs (Hit)	1464			Total EAs (Hit)	1461			Total EAs (Hit)	1451			Total EAs (Hit)	1457			Total EAs (Hit)	1737			Total EAs (Hit)	1090			Total EAs (Hit)	1764			Total EAs (Hit)	1760		
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		

	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	5603616	5586320	14850	4265968	5604463	5591114	15237	4265968	5604585	5309681	15316	4265968	5604218	5383397	15199	4265968	5604107	5585973	14970	4265968	5604103	5590728	14951	4265968	5604419	5308720	15423	4265968	5603655	5382210	15123
2	4266088	5582240	5566625	12480	4266088	5582839	5571642	12652	4266088	5582694	5294951	12810	4266088	5582674	5368883	12717	4266088	5582027	5566275	12408	4266088	5582596	5571588	12475	4266088	5582201	5295043	12916	4266088	5581541	5368323	12632
3	4265552	697954	695490	2373	4265552	699073	697353	2388	4265552	698881	652499	2388	4265552	698881	664767	2388	4265552	698378	695892	2390	4265552	699076	697337	2387	4265552	698884	652429	2387	4265552	698884	664637	2387
4	4266040	22990	20749	2850	4266040	23003	20318	2859	4266040	23369	18048	2876	4266040	23022	17935	2829	4266040	22704	20989	2575	4266040	22203	20344	2605	4266040	22885	17971	2708	4266040	22959	18490	2656
5	4550904	20739	6612	15147	4550904	20775	6463	14923	4569296	7243	5706	1	4569296	7244	5167	1	4550904	13049	6520	8574	4550904	13052	6430	8532	4569296	6737	5708	1	4569296	6737	5167	1
6	4215928	7024	6572	12	4569296	7243	6165	1	4557584	5849	5027	49	4557584	5828	4505	49	4569296	6736	6200	1	4569296	6736	6165	1	4557584	5504	4659	34	4557584	5506	4214	35
7	4569296	7244	6200	1	4557584	5837	5386	43	4551024	21853	4608	22	4551024	21834	4153	23	4557584	5504	5069	32	4557584	5526	5051	28	4550904	13049	4042	8571	4550904	13049	4020	8552
8	4557584	5836	5425	33	4551024	21891	5062	21	4550904	20758	4117	14971	4550904	20761	4058	15022	4569712	2638	2590	1	4472864	2287	2192	1	4569712	2448	2344	1	4569712	2288	2131	1
9	4199960	43303	3743	385	4472864	2294	2199	1	4472864	2303	2045	1	4472864	2305	1850	1	4472864	2274	2187	1	4569712	2061	1985	1	4472864	2296	2038	1	4472864	2286	1831	1
10	4551024	19435	2759	20	4271896	1179	1179	1179	4271896	1179	1179	1179	4271896	1179	1179	1179	4200056	2027	1821	44	4265816	1292	1281	13	4200056	2483	1933	39	4200056	2222	1638	38
11	4493912	10387	2260	27	4265816	2038	1178	519	4270896	1177	1177	1177	4270896	1178	1178	1178	4270896	1180	1180	1180	4271896	1179	1179	1179	4271896	1179	1179	1179	4271896	1179	1179	1179
12	4472864	2294	2204	1	4270896	1177	1177	1177	4271952	1176	1176	1176	4271952	1176	1176	1176	4271896	1179	1179	1179	4270896	1177	1177	1177	4270896	1177	1177	1177	4270896	1177	1177	1177
13	4200056	1802	1770	49	4271952	1176	1176	1176	4271000	1175	1175	1175	4271000	1176	1176	1176	4271000	1177	1177	1177	4271952	1176	1176	1176	4271952	1176	1176	1176	4271952	1176	1176	1176
14	4596080	12845	1350	10	4271000	1175	1175	1175	4265816	1935	1160	490	4265816	1994	1163	485	4271952	1176	1176	1176	4271000	1175	1175	1175	4271000	1175	1175	1175	4271000	1175	1175	1175
15	4271000	1181	1181	1181	4265448	1183	1119	1	4284520	1510	1104	1510	4284520	1516	1104	1516	4265816	1128	1123	10	4265448	1181	1119	1	4265816	1124	1110	15	4265816	1119	1106	14
16	4270896	1181	1181	1181	4284520	1522	1104	1522	4302200	2631	1026	2529	4200056	2111	1087	47	4265448	1181	1119	1	4284520	1288	1104	1287	4284520	1335	1104	1334	4284520	1272	1104	1271
17	4271896	1179	1179	1179	4200056	1902	1036	46	4200056	1908	957	45	4302200	2626	1026	2533	4284520	1359	1104	1358	4200056	1443	1095	42	4302200	2619	1026	2537	4302200	2617	1026	2528
18	4265816	1924	1177	427	4302200	2642	1026	2530	4265448	1183	927	1	4265448	1183	927	1	4302200	2615	1048	2529	4302200	2590	1026	2507	4265448	1181	927	1	4265448	1181	927	1
19	4271952	1176	1176	1176	4302112	1677	819	1485	4302112	1680	827	1495	4302112	1666	810	1489	4199960	5908	831	90	4302112	1169	778	1046	4302112	1204	810	1070	4302112	1206	815	1067
20	4596136	1451	1173	7	4284608	596	593	596	4284608	598	594	598	4284608	603	599	603	4302112	1176	790	1022	4551024	1927	752	5	4551024	1915	720	5	4284608	717	715	717
21	4203856	1170	1170	1	4284432	561	500	557	4284432	557	494	553	4284432	550	486	546	4265512	773	699	15	4284608	715	714	715	4284608	702	701	702	4284432	388	384	385
22	4265512	1193	1121	16	4557616	2195	198	2195	4557616	2196	184	2196	4302288	309	196	305	4284608	664	662	664	4569720	2005	687	1	4582936	511	510	7	4551024	1584	369	4
23	4265448	1183	1119	1	4302288	290	184	287	4302288	299	184	292	4301792	2290	168	1606	4493912	728	645	6	4284432	388	384	385	4582832	512	509	8	4302288	305	201	300
24	4284520	1530	1104	1530	4301792	2286	167	1610	4301792	2281	168	1599	4557616	2195	168	2195	4582832	489	486	11	4582832	383	381	9	4284432	399	395	396	4557616	983	200	983
25	4302200	2625	1058	2530	4301704	1215	157	825	4301704	1208	162	815	4301704	1221	164	829	4582936	476	475	9	4582936	322	321	8	4557616	983	213	983	4550848	2145	174	8
26	4302112	1662	817	1472	4558560	1219	134	1	4558560	1252	145	1	4569712	160	150	1	4284432	442	439	440	4557616	983	235	983	4302288	310	206	304	4301792	2351	168	1740
27	4284608	595	590	595	4569712	130	127	1	4569712	148	142	1	4558560	1253	126	1	4557616	984	283	984	4302288	340	233	334	4550848	2137	173	8	4301704	990	157	856
28	4284432	573	505	569	4569720	726	104	1	4284112	824	86	715	4284112	825	86	721	4596288	268	258	43	4301792	2356	168	1745	4582936	155	154	7	4582936	155	154	7
29	4596288	376	370	56	4284112	823	86	729	4569720	717	86	1	4284024	656	82	519	4302288	333	229	329	4550848	2132	167	7	4301704	994	156	855	4582832	161	151	7
30	4557616	2163	256	2163	4284024	649	82	521	4284024	653	83	510	4569720	712	79	1	4301792	2355	222	1741	4301704	985	157	855	4569720	1615	143	1	4569720	1762	123	1
31	4301792	2283	236	1610	4582936	56	51	8	4550848	1983	56	10	4582936	71	66	8	4551024	1225	177	4	4582816	130	129	5	4558560	1203	103	1	4558560	1194	88	1
32	4302288	301	197	299	4472832	47	47	1	4582832	68	56	10	4582832	78	64	11	4550848	2155	168	13	4558560	1206	116	1	4284112	580	87	551	4284112	579	86	550
33	4569712	174	168	1	4582832	57	45	8	4582936	54	49	6	4550848	1999	48	12	4301704	982	158	854	4284112	576	87	552	4284024	451	80	416	4284024	455	80	422
34	4301704	1181	161	796	4550848	1963	41	10	4472832	38	38	1	4472832	38	38	1	4284112	579	120	557	4284024	444	85	416	4472832	45	45	1	4472832	55	54	1
35	4558560	1237	145	1	4551032	26707	31	233	4551032	25952	20	220	4551032	25699	26	221	4569720	1431	104	1	4472832	54	54	1	4551032	644	19	63	4551032	747	27	67
36	4284112	832	131	735	4302064	55	23	49	4284384	16	16	16	4302064	45	20	42	4558560	1185	101	1	4550760	1142	39	10	4550760	1143	15	7	4301880	70	10	70
37	4569720	721	98	1	4557752	1280	16	397	4199960	43356	15	389	4284384	19	19	19	4284024	432	79	411	4551032	585	35	83	4199960	5901	12	84	4265864	17	10	15
38	4582936	96	91	6	4582864	58	12	9	4302064	33	15	31	4582864	78	14	12	4472832	67	66	1	4199960	5898	15	95	4301880	66	11	66	4302064	13	10	12
39	4284024	633	90	506	4284384	11	11	11	4557752	1273	11	389	4265864	51	12	21	4596080	120	57	2	4302064	18	15	18	4302064	11	10	11	4557752	171	9	102
40	4493952	2235	87	26	4265864	25	10	14	4582864	66	11	11	4557752	1281	11	393	4551032	604	46	73	4557752	169	12	101	4557752	169	9	102	4582864	161	9	7
41	4582832	103	83	6	4301880	84	9	82	4493952	2098	10	26	4493952	2090	10	23	4550760	1111	16	6	4265864	16	12	13	4284384	8	8	8	4270728	7	7	7
42	4550848	1974	54	10	4270728	7	7	7	4596288	409	8	67	4582816	11	10	6	4557752	169	12	102	4301880	79	10	78	4265864	15	7	14	4200608	36	5	14
43	4472832	48	48	1	4581184	8	6	5	4581184	10	8	4	4581184	9	7	4	4301880	73	11	73	4558472	10	9	1	4270728	7	7	7	4284200	35	5	35
44	4551032	27444	41	236	4582816	6	6	5	4582816	8	8	7	4270728	6	6	6	4284200	48	11	48	4596288	243	8	37	4284200	41	6	41	4270832	5	5	5
45	4580016	31	31	1	4215928	6875	5	9	4265864	35	7	14	4271696	5	5	5	4265864	15	11	14	4200608	28	8	11	4581184	9	6	5	4284384	5	5	5
46	4553544	31	26	6	4493952	2090	5	23	4270728	7	7	7	4301880	80	4	80	4582784	12	11	6	4270728	7	7	7	4582816	6	6	3	4271696	5	5	5
47	4551000	24	21	5	4270832	5	5	5	4301880	81	5	80	4270832	4	4	4	4198464	329	9	1	4581184	9	6	5	4596288	228	5	32	4569736	22	4	1
48	4596040	167	18	1	4271696	5	5	5	4271696	5	5	5	4579392	4	4	2	4581184	11	8	6	4596024	9	6	1	4271696	5	5	5	4581184	7	4	4
49	4582864	105	18	7	4199960	43162	4	380	4270832	5	5	5	4284200	63	3	63	4302064	14	7	14	4215928	7	6	7	4270832	5	5	5	4582824	5	4	5
50	4557752	1271	16	398	4284200	63	4	63	4582784	11	4	4	4582784	8	3	3	4596024	9	7	1	4284384	6	6	6	4200608	34	4	14	4579392	4	4	2
51	4596024	219	14	1	4582784	9	4	4	4579392	4	4	2	4609648	6	3	6	4609056	10	6	1	4569736	10	5	1	4569736	15	4	1	4585608	3	3	3
52	4580008	23	14	1	4579392	4	4	2	4570224	196	3	4	4583248	3	3	3	4582816	7	6	4	4271696	5	5	5	4579392	4	4	2	4565760	3	3	3
53	4302064	41	13	39	4582824	4	4	1	4284200	62	3	62	4585608	3	3	3	4570136	29	5	1	4270832	5	5	5	4582864	511	3	7	4199960	5908	2	85
54	4301880	102	11	99	4550760	1056	3	14	4199904	9	3	5	4200488	3	3	3	4200608	8	5	6	4609056	7	4	1	4582784	5	3	3	4596288	227	2	30
55	4265864	29	11	19	4609056	33	3	1	4558472	4	3	1	4565760	3	3	3	4565200	6	5	1	4579392	4	4	2	4558472	4	3	1	4550792	30	2	6
56	4550760	1497	10	12	4199904	9	3	5	4583208	3	3	3	4199960	43295	2	376	4270728	5	5	5	4582784	4	4	4	4585608	3	3	3	4604008	7	2	7
57	4284384	9	9	9	4609648	6	3	6	4585608	3	3	3	4570168	18013	2	2	4271696	5	5	5	4198464	328	3	1	4198464	329	2	1	4582784	4	2	2
58	4609056	33	7	1	4558472	5	3	1	4570168	18051	2	2	4493912	8107	2	25	4561200	332	4	1	4560984	69	3	1	4609056	8	2	1	4608600	3	2	3
59	4579904	23	6	1	4565760	3	3	3	4215928	7075	2	13	4570224	189	2	2	4560984	75	4	1	4284200	38	3	38	4604008	7	2	7	4271832	3	2	3
60	4216224	10014	5	44	4585608	3	3	3	4570160	2269	2	3	4550792	27	2	6	4569736	9	4	1	4200088	35	3	3	4215928	5	2	5	4583552	3	2	3
61	4271696	5	5	5	4583248	3	3	3	4550760	1071	2	11	4200608	16	2	6	4581096	5	4	5	4570136	29	3	1	4565760	3	2	3	4271992	2	2	2
62	4549424	5	5	4	4493912	8105	2	26	4604008	7	2	7	4569736	11	2	1	4579392	4	4	2	4582824	3	3	1	4608600	3	2	3	4592208	2	2	2
63	4284200	72	4	71	4550792	33	2	9	4569736	6	2	1	4199904	10	2	6	4199904	4	4	3	4201448	3	3	3	4271832	3	2	3	4570168	5771	1	1
64	4215992	43	4	1	4592208	4	2	4	4609648	5	2	5	4558544	4	2	1	4215928	4	4	4	4585608	3	3	3	4592208	2	2	2	4595704	4574	1	1

Total L1 Misses	12287182			Total L1 Misses	12286593			Total L1 Misses	12286293			Total L1 Misses	12285408			Total L1 Misses	11996821			Total L1 Misses	11996155			Total L1 Misses	11997976			Total L1 Misses	11995017		
Total L2 Misses	11925312			Total L2 Misses	11919508			Total L2 Misses	11310211			Total L2 Misses	11468338			Total L2 Misses	11910037			Total L2 Misses	11917968			Total L2 Misses	11309036			Total L2 Misses	11465680		
Total EAs	1889			Total EAs	1865			Total EAs	1878			Total EAs	1870			Total EAs	1855			Total EAs	1843			Total EAs	1844			Total EAs	1854		
Total EAs (Miss)	378			Total EAs (Miss)	353			Total EAs (Miss)	369			Total EAs (Miss)	366			Total EAs (Miss)	230			Total EAs (Miss)	228			Total EAs (Miss)	230			Total EAs (Miss)	225		
Total EAs (Hit)	1511			Total EAs (Hit)	1512			Total EAs (Hit)	1509			Total EAs (Hit)	1504			Total EAs (Hit)	1625			Total EAs (Hit)	1615			Total EAs (Hit)	1614			Total EAs (Hit)	1629		
Only 1 EA	15			Only 1 EA	10			Only 1 EA	9			Only 1 EA	9			Only 1 EA	15			Only 1 EA	15			Only 1 EA	11			Only 1 EA	10		
Only 2 EA	15			Only 2 EA	11			Only 2 EA	11			Only 2 EA	12			Only 2 EA	17			Only 2 EA	16			Only 2 EA	13			Only 2 EA	14		
Only 3 EA	15			Only 3 EA	14			Only 3 EA	14			Only 3 EA	17			Only 3 EA	18			Only 3 EA	19			Only 3 EA	19			Only 3 EA	19		
Only 4 EA	16			Only 4 EA	16			Only 4 EA	17			Only 4 EA	19			Only 4 EA	21			Only 4 EA	20			Only 4 EA	19			Only 4 EA	21		

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	4265968	5601199	5585408	14933	4265968	5601313	5590035	15000	4265968	5601381	5306319	15268	4265968	5601682	5379727	15279
2	4266088	5579824	5565873	12378	4266088	5579904	5570545	12410	4266088	5590124	5294799	12782	4266088	5590451	5368737	12827
3	4265552	698873	696565	2389	4265552	698884	697331	2388	4265552	698692	652448	2388	4265552	698692	664667	2388
4	4266040	22458	21357	2564	4266040	22529	21239	2610	4266040	22250	18191	2561	4266040	22254	18071	2611
5	4550904	14743	6571	9941	4550904	14744	6440	9939	4569296	6689	5707	1	4569296	6689	5166	1
6	4569296	6690	6200	1	4569296	6689	6164	1	4557584	5438	4738	39	4557584	5437	4274	41
7	4557584	5437	5151	32	4557584	5436	5098	29	4550904	14746	4071	9953	4550904	14749	4024	9960
8	4200056	1628	1619	35	4200056	2035	1817	32	4200056	2120	1869	27	4200056	2321	1927	31
9	4270896	1181	1181	1181	4271896	1179	1179	1179	4271896	1179	1179	1179	4270896	1180	1180	1180
10	4271000	1181	1181	1181	4270896	1178	1178	1178	4270896	1178	1178	1178	4271896	1179	1179	1179
11	4271896	1179	1179	1179	4271000	1176	1176	1176	4271000	1176	1176	1176	4271000	1178	1178	1178
12	4271952	1176	1176	1176	4271952	1176	1176	1176	4271952	1176	1176	1176	4271952	1176	1176	1176
13	4265816	1303	1141	127	4265448	1168	1119	1	4265816	1332	1116	130	4265816	1394	1110	147
14	4265448	1168	1119	1	4265816	1329	1110	128	4284520	1306	1104	1306	4284520	1354	1104	1354
15	4284520	1412	1104	1412	4284520	1288	1104	1288	4302200	2100	1026	2071	4302200	2105	1026	2075
16	4302200	2116	1033	2086	4302200	2108	1026	2076	4265448	1168	927	1	4265448	1168	927	1
17	4302112	967	877	920	4302112	952	863	912	4302112	948	864	911	4302112	958	865	913
18	4284608	582	581	582	4284608	698	697	698	4284608	674	673	674	4284608	670	669	670
19	4284432	512	511	512	4284432	398	397	398	4284432	418	417	418	4284432	426	425	426
20	4557616	703	211	703	4301792	797	167	619	4301792	796	167	618	4301792	796	167	616
21	4301792	796	200	620	4557616	704	166	704	4557616	703	153	703	4301704	366	153	299
22	4301704	362	154	297	4301704	368	153	299	4301704	360	152	294	4302288	166	146	164
23	4302288	160	139	158	4302288	166	146	164	4302288	167	145	165	4557616	703	141	703
24	4199960	170	102	80	4551024	111	100	4	4284112	305	85	276	4284112	305	86	276
25	4284112	308	93	285	4284112	300	85	273	4284024	223	82	187	4284024	222	81	189
26	4551024	98	92	4	4284024	224	82	189	4582864	30	26	11	4582864	33	29	11
27	4596288	90	88	20	4551032	557	34	79	4551024	113	25	6	4551032	554	28	81
28	4284024	222	87	186	4199960	170	32	74	4569712	27	25	1	4582936	27	27	11
29	4551032	550	43	75	4569712	26	26	1	4582936	23	23	7	4569712	28	26	1
30	4582864	33	29	13	4596288	89	24	20	4551032	552	22	79	4551024	110	23	3
31	4582936	28	28	10	4569720	175	17	1	4558560	97	18	1	4558560	97	16	1
32	4569712	28	27	1	4558560	96	17	1	4302064	23	17	23	4569720	172	15	1
33	4596080	47	21	1	4302064	20	17	20	4569720	173	16	1	4302064	15	15	15
34	4569720	173	18	1	4582936	16	16	8	4301880	32	14	31	4301880	29	13	28
35	4558560	96	17	1	4582864	17	14	9	4284384	14	14	14	4265864	17	11	14
36	4493912	131	16	13	4557752	72	13	54	4199960	170	13	75	4582816	12	11	7
37	4596024	52	16	1	4301880	26	13	25	4582816	12	11	8	4557752	72	10	53
38	4596040	40	15	1	4284384	10	10	10	4557752	72	10	53	4284384	10	10	10
39	4557752	72	14	53	4265864	11	9	11	4596288	90	9	20	4284200	19	5	19
40	4301880	29	13	28	4200608	15	8	12	4265864	17	9	14	4271696	5	5	5
41	4284384	12	12	12	4582816	8	8	6	4270728	6	6	6	4472864	5	5	1
42	4265512	72	11	5	4270728	6	6	6	4271696	5	5	5	4582832	8	4	7
43	4302064	11	10	11	4271696	5	5	5	4472864	5	5	1	4579392	4	4	2
44	4582816	9	9	6	4596080	48	4	1	4582832	7	4	6	4270728	4	4	4
45	4265864	12	8	12	4284200	19	4	19	4579392	4	4	2	4200608	16	3	9
46	4284200	18	6	18	4582832	5	4	4	4270832	4	4	4	4581184	5	3	3
47	4215928	19	5	6	4270832	4	4	4	4215928	23	3	10	4585608	3	3	3
48	4215992	16	5	1	4582824	4	4	1	4284200	18	3	18	4550792	3	3	2
49	4271696	5	5	5	4579392	4	4	2	4581184	5	3	3	4565760	3	3	3
50	4198464	485	4	1	4472864	4	4	1	4583552	3	3	3	4199960	170	2	66
51	4609136	51	4	1	4690056	13	3	1	4592208	3	3	3	4596288	90	2	18
52	4570168	41	4	1	4550792	6	3	4	4585608	3	3	3	4215928	23	2	8
53	4570248	41	4	1	4581184	5	3	3	4570168	42	2	2	4271832	3	2	3
54	4570224	41	4	1	4199904	3	3	3	4609056	14	2	1	4608600	3	2	3
55	4570136	41	4	1	4584048	3	3	3	4200608	8	2	7	4271992	2	2	2
56	4609056	14	4	1	4565760	3	3	3	4604008	6	2	6	4270832	2	2	2
57	4573952	10	4	1	4585608	3	3	3	4582784	3	2	2	4583696	2	2	2
58	4582832	6	4	4	4215928	18	2	5	4583616	3	2	3	4583616	2	2	2
59	4472864	4	4	1	4215992	14	2	1	4271832	3	2	3	4592208	2	2	2
60	4582784	4	4	3	4271832	3	2	3	4550792	3	2	2	4582552	2	2	2
61	4579392	4	4	2	4608600	3	2	3	4565760	3	2	3	4271768	1181	1	1181
62	4560984	54	3	1	4271992	2	2	2	4608600	3	2	3	4198464	485	1	1
63	4493768	53	3	1	4472832	2	2	1	4582328	2	2	2	4560056	157	1	1
64	4199936	41	3	1	4582328	2	2	2	4581312	2	2	1	4493952	98	1	11
Total L1 Misses	11953755			Total L1 Misses	11954269			Total L1 Misses	11954423			Total L1 Misses	11955385			Total L1 Misses
Total L2 Misses	11901519			Total L2 Misses	11911014			Total L2 Misses	11300157			Total L2 Misses	11458580			Total L2 Misses
Total EAs	1865			Total EAs	1861			Total EAs	1859			Total EAs	1859			Total EAs
Total EAs (Miss)	249			Total EAs (Miss)	246			Total EAs (Miss)	243			Total EAs (Miss)	245			Total EAs (Miss)
Total EAs (Hit)	1616			Total EAs (Hit)	1615			Total EAs (Hit)	1616			Total EAs (Hit)	1614			Total EAs (Hit)
Only 1 EA	21			Only 1 EA	11			Only 1 EA	11			Only 1 EA	8			Only 1 EA
Only 2 EA	22			Only 2 EA	14			Only 2 EA	13			Only 2 EA	16			Only 2 EA
Only 3 EA	23			Only 3 EA	21			Only 3 EA	21			Only 3 EA	22			Only 3 EA
Only 4 EA	25			Only 4 EA	25			Only 4 EA	22			Only 4 EA	23			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	4265968	5601433	5585404	15283	4265968	5601388	5590060	14824	4265968	5601493	5306275	15406	4265968	5601461	5379665	14984
2	4266088	5580402	5566022	12746	4266088	5580230	5570544	12303	4266088	5580550	5294718	12931	4266088	5580301	5368336	12578
3	4265552	698984	696565	2385	4265552	698988	697309	2385	4265552	698796	652411	2385	4265552	698796	664617	2385
4	4266040	22022	21313	2530	4266040	22028	21399	2433	4266040	21894	18301	2482	4266040	22047	18494	2458
5	4550904	12537	6510	8068	4550904	12537	6431	8081	4569296	6381	5707	1	4569296	6379	5166	1
6	4569296	6383	6200	1	4569296	6380	6164	1	4557584	5236	4659	38	4557584	5235	4213	38
7	4557584	5239	5065	30	4557584	5234	4996	27	4550904	12539	4029	8062	4550904	12539	4092	8053
8	4200056	1383	1378	26	4200056	1576	1536	31	4200056	2062	1961	32	4200056	1570	1411	37
9	4270896	1180	1180	1180	4271896	1179	1179	1179	4271896	1179	1179	1179	4271896	1179	1179	1179
10	4271896	1179	1179	1179	4270896	1178	1178	1178	4270896	1178	1178	1178	4270896	1178	1178	1178
11	4271000	1178	1178	1178	4271952	1176	1176	1176	4271952	1176	1176	1176	4271952	1176	1176	1176
12	4271952	1176	1176	1176	4271000	1176	1176	1176	4271000	1176	1176	1176	4271000	1176	1176	1176
13	4265448	1171	1119	1	4265448	1171	1119	1	4265816	1112	1111	6	4265816	1106	1105	6
14	4265816	1113	1113	6	4265816	1114	1114	6	4284520	1374	1104	1374	4284520	1369	1104	1369
15	4284520	1376	1104	1376	4284520	1378	1104	1378	4302200	2008	1026	2008	4302200	2002	1026	2002
16	4302200	2007	1026	2007	4302200	2005	1026	2005	4265448	1171	927	1	4265448	1171	927	1
17	4302112	884	884	884	4302112	880	880	880	4302112	884	884	884	4302112	879	879	879
18	4284608	607	607	607	4284608	603	603	603	4284608	611	611	611	4284608	606	606	606
19	4284432	488	488	488	4284432	492	492	492	4284432	481	481	481	4284432	490	490	490
20	4301792	335	171	335	4301792	338	168	338	4301792	336	168	336	4301792	332	168	332
21	4557616	167	158	167	4557616	167	157	167	4301704	159	154	157	4301704	156	154	155
22	4301704	157	155	156	4301704	160	155	158	4557616	167	143	167	4302288	139	138	139
23	4302288	134	133	134	4302288	134	133	134	4302288	133	132	133	4557616	167	132	167
24	4284112	152	86	152	4284112	152	84	152	4284112	151	85	151	4284112	150	85	150
25	4284024	82	82	82	4284024	81	81	81	4284024	75	75	75	4284024	75	75	75
26	4551032	52	36	49	4551032	50	35	47	4551032	51	20	49	4551032	52	28	51
27	4265864	16	14	13	4582936	22	22	8	4582864	22	20	6	4582936	20	20	10
28	4582936	14	14	6	4582864	23	21	9	4582936	18	18	6	4582864	21	18	9
29	4301880	13	12	13	4265864	16	15	14	4301880	14	14	14	4301880	13	13	13
30	4557752	12	12	12	4302064	13	13	13	4284384	12	12	12	4284200	10	10	10
31	4582864	13	11	7	4301880	13	12	13	4284200	10	10	10	4265864	14	9	13
32	4302064	9	9	9	4557752	12	12	12	4302064	10	10	10	4557752	12	9	12
33	4284384	9	9	9	4284384	9	9	9	4557752	12	9	12	4302064	9	9	9
34	4596288	8	8	8	4558560	8	7	1	4265864	12	8	12	4284384	8	8	8
35	4558560	6	6	1	4596288	7	7	7	4558560	8	7	1	4200608	17	6	14
36	4199960	6	5	6	4270728	6	6	6	4270728	6	6	6	4558560	7	6	1
37	4215992	6	5	1	4199960	6	5	6	4271696	5	5	5	4270728	6	6	6
38	4215928	6	5	6	4271696	5	5	5	4200608	10	4	9	4271696	5	5	5
39	4271696	5	5	5	4581184	6	4	4	4199960	6	4	6	4582784	6	4	3
40	4265512	53	4	3	4215928	6	4	6	4579392	4	4	2	4199960	6	4	6
41	4573952	9	4	1	4270832	4	4	4	4270832	4	4	4	4579392	4	4	2
42	4581184	6	4	4	4579392	4	4	2	4581184	5	3	3	4550792	4	4	3
43	4200608	4	4	4	4284200	4	4	4	4215928	5	3	5	4270832	4	4	4
44	4270728	4	4	4	4582816	4	4	4	4582824	4	3	1	4582832	6	3	5
45	4582816	4	4	4	4582824	4	4	1	4582832	4	3	4	4581184	5	3	3
46	4579392	4	4	2	4609056	4	4	1	4585608	3	3	3	4565760	3	3	3
47	4302536	4	3	2	4582784	4	4	3	4582816	3	3	3	4582816	3	3	2
48	4582784	3	3	2	4215992	7	3	1	4201032	3	3	3	4585608	3	3	3
49	4609056	3	3	1	4582832	4	3	4	4596288	7	2	6	4592208	3	3	3
50	4550792	3	3	2	4200608	4	3	4	4608600	3	2	3	4596288	9	2	9
51	4565760	3	3	3	4199904	3	3	3	4551024	3	2	3	4604008	6	2	6
52	4284200	3	3	3	4565760	3	3	3	4271832	3	2	3	4215928	5	2	5
53	4585608	3	3	3	4200192	3	3	3	4609056	3	2	1	4608600	3	2	3
54	4604008	7	2	7	4550792	3	3	2	4550792	3	2	2	4609056	3	2	1
55	4582832	3	2	3	4585608	3	3	3	4565760	3	2	3	4582824	3	2	1
56	4271832	3	2	3	4302536	4	2	2	4271992	2	2	2	4271832	3	2	3
57	4201736	3	2	1	4271832	3	2	3	4583552	2	2	2	4582328	2	2	2
58	4608600	3	2	3	4608600	3	2	3	4582328	2	2	2	4271992	2	2	2
59	4583696	3	2	3	4583696	3	2	3	4582784	2	2	2	4570224	2	2	2
60	4301656	2	2	2	4581096	2	2	2	4592208	2	2	2	4582552	2	2	2
61	4549224	2	2	1	4578512	2	2	1	4271768	1181	1	1181	4271768	1181	1	1181
62	4271992	2	2	2	4271992	2	2	2	4609648	4	1	4	4199904	3	1	3
63	4551024	2	2	2	4583552	2	2	2	4604008	4	1	4	4551024	2	1	2
64	4270832	2	2	2	4582328	2	2	2	4549136	3	1	1	4583696	2	1	2
Total L1 Misses	11945404			Total L1 Misses	11944568			Total L1 Misses	11945342			Total L1 Misses	11947224			
Total L2 Misses	11900616			Total L2 Misses	11910602			Total L2 Misses	11299952			Total L2 Misses	11457877			
Total EAs	1866			Total EAs	1844			Total EAs	1846			Total EAs	1843			
Total EAs (Miss)	179			Total EAs (Miss)	177			Total EAs (Miss)	183			Total EAs (Miss)	192			
Total EAs (Hit)	1687			Total EAs (Hit)	1667			Total EAs (Hit)	1663			Total EAs (Hit)	1651			
Only 1 EA	8			Only 1 EA	7			Only 1 EA	6			Only 1 EA	5			
Only 2 EA	16			Only 2 EA	14			Only 2 EA	13			Only 2 EA	13			
Only 3 EA	24			Only 3 EA	22			Only 3 EA	21			Only 3 EA	22			
Only 4 EA	28			Only 4 EA	28			Only 4 EA	25			Only 4 EA	23			

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	4403184	442791	194642	158387	4403184	442759	195141	158308	4403184	442695	115340	158338	4403184	442827	115322	158285	4403184	440637	194557	157349
2	4307528	393187	190619	65831	4307528	393189	190842	65512	4395840	494069	105042	117667	4395840	492639	102949	117282	4307528	385538	190655	64042
3	4395840	492880	147849	116470	4395840	493319	146215	117706	4395880	184999	24828	56505	4395880	184846	24564	56534	4395840	275211	149719	107169
4	4390504	186118	42073	116492	4390504	185876	40827	116440	4396056	173153	19707	49859	4396056	174392	19399	49917	4390504	171458	41815	101292
5	4395880	184338	34508	55823	4395880	184409	34474	56144	4396240	69735	11411	28099	4396240	68947	10995	27994	4395880	113069	35161	39862
6	4396056	174997	30846	51665	4396056	174944	29489	51059	4390504	185961	10540	116418	4394472	50605	9313	20944	4396056	87654	30645	44755
7	4308256	81741	24440	37277	4379800	63196	21930	61968	4394472	50635	10186	20866	4400280	27892	9263	12330	4308256	69363	23604	32699
8	4379800	63222	22818	61988	4320488	41804	20135	26815	4400280	27857	9799	12578	4390504	186030	9149	116480	4379800	61252	22692	60155
9	4320488	41802	20084	26815	4308256	81480	17846	36939	4403608	25931	8497	22404	4403608	25922	8153	22390	4320488	40962	20083	26240
10	4396240	71329	18814	29627	4396240	71063	17481	28933	4364624	21810	7097	21398	4364624	21802	7168	21420	4380888	42272	17458	41435
11	4380888	43415	17533	42494	4380888	43395	16901	42480	4379792	53652	5925	53123	4379792	53671	5937	53180	4396240	40577	17036	23089
12	4379792	53848	16503	53276	4379792	53759	16462	53221	4389824	285326	5642	48186	4389824	284742	5531	48159	4379792	53293	16220	52733
13	4394472	50055	16210	20867	4241984	54657	15129	53854	4403080	90362	4948	86906	4372744	33381	4433	32795	4394472	43902	16173	19874
14	4241984	54596	14369	53781	4394472	50335	14075	20954	4379224	22419	4939	21899	4363336	20041	4282	19972	4241984	54555	14636	53764
15	4364624	21800	14065	21407	4364624	21798	14009	21393	4394688	30163	4687	13304	4379224	22420	4257	21903	4364624	21978	14038	21601
16	4392016	51127	13803	51127	4392016	51142	13039	51141	4379248	20377	4658	19852	4394688	30346	4250	13297	4392016	50596	13580	50596
17	4403080	90560	13105	87107	4403080	90405	12791	87066	4380888	43365	4614	42278	4403080	90185	4211	86815	4403080	79494	12980	77685
18	4400280	27353	11921	13327	4400280	27633	11737	13327	4379800	62901	4412	61520	4379248	20361	4200	19834	4400280	26190	12674	13093
19	4372744	33370	11073	32736	4372744	33315	10839	32705	4372744	33382	4141	32777	4380888	43363	3890	42245	4372744	33526	11052	32939
20	4379224	22576	10766	22031	4379224	22562	10459	22025	4363336	20120	4138	20049	4394512	26373	3875	11763	4379224	21918	10730	21433
21	4380880	36083	10374	35901	4380880	36050	10382	35872	4394512	26349	4107	11820	4380880	36026	3793	35827	4380880	35836	10271	35663
22	4259208	55340	10306	18784	4379248	20374	9871	19877	4398840	19982	3876	19688	4398840	19993	3297	19689	4259208	52412	10210	16879
23	4379248	20369	9865	19875	4373744	35945	9792	35193	4307528	393148	3818	66592	4372768	17083	3264	16985	4379248	20302	9868	19791
24	4373744	35622	9523	34973	4403608	25897	9251	22424	4380880	36044	3688	35858	4372344	16747	3091	16592	4373744	35508	9516	34649
25	4403608	25903	9248	22419	4398840	19978	8955	19685	4398824	17292	3239	17053	4379760	21180	3007	14699	4403608	18648	9215	15941
26	4398840	19964	9024	19678	4372344	16764	8410	16610	4379760	21136	3223	14667	4379800	62798	2988	61377	4398840	19932	9035	19650
27	4389824	284835	8855	48239	4389824	284853	8161	48198	4372768	16729	2869	16619	4398824	17234	2630	16957	4238400	48719	8778	42353
28	4238400	50331	8771	44099	4238400	50335	8133	44059	4398896	19224	2773	18951	4380848	18507	2605	12998	4372344	16906	8566	16746
29	4372768	17254	8698	17124	4398824	17241	8045	17006	4372344	16757	2735	16588	4400272	7915	2544	4520	4398824	17005	8333	16743
30	4372344	16757	8574	16596	4363336	20250	7531	20176	4400272	7899	2679	4687	4373744	35621	2459	35061	4372768	16556	8059	16443
31	4398824	17215	8381	16958	4372768	16376	7393	16247	4373744	35600	2676	35005	4372080	34567	2444	34209	4363336	19524	7721	19471
32	4394688	30615	7722	13330	4372312	17321	6966	17222	4392016	51127	2482	51126	4307528	393167	2267	66285	4394688	26661	7576	12294
33	4363336	20427	7706	20346	4379760	21377	6732	14620	4379632	15439	2410	15307	4398896	19204	2265	18886	4372312	17194	7267	17091
34	4372312	17328	7322	17242	4398896	19252	6667	18950	4372312	17345	2370	17242	4363408	16888	2260	16821	4394512	23890	6955	10570
35	4394512	26308	6917	11817	4394688	30445	6573	13288	4380848	18574	2346	13053	4372312	17377	2200	17271	4389824	35246	6928	11588
36	4398896	19289	6893	18997	4379936	16980	6281	16780	4399400	16322	2243	10165	4379632	15389	2173	15260	4398896	18983	6866	18704
37	4379760	21342	6549	14614	4380848	18639	6250	12943	4363408	16836	2162	16767	4422040	10035	2114	10032	4379760	20237	6501	13748
38	4380848	18678	6253	13002	4259208	55493	6088	18856	4422040	10095	2119	10092	4363184	11492	2069	11450	4376200	38485	6386	15894
39	4379936	17029	6128	16856	4394512	26309	5854	11750	4399352	22100	2112	15376	4395952	98624	2066	11073	4380848	17981	6253	12381
40	4376200	52630	6044	20890	4376200	52050	5585	20246	4395952	98359	2052	11129	4372432	14700	1921	14559	4379936	15960	6150	15863
41	4372432	14674	5764	14528	4372432	14685	5508	14534	4372728	9622	2027	9474	4399400	16328	1665	10216	4372432	14695	5730	14542
42	4308400	31152	5661	11263	4372080	34472	5411	34156	4372080	34587	1890	34253	4372728	9228	1656	9102	4308400	27898	5702	9782
43	4372080	34480	5441	34151	4372968	12280	5231	12225	4372432	14662	1830	14512	4399352	22094	1607	15402	4372080	34473	5457	34124
44	4305936	32049	5437	13860	4305936	31624	5214	13586	4370896	9302	1694	9188	4473728	1543	1525	1543	4305936	21400	5226	8615
45	4307544	10333	5277	10320	4372728	9861	5146	9713	4363184	11474	1670	11438	4394848	9039	1471	5359	4307544	10300	5077	10287
46	4379632	15424	5102	15300	4239888	18956	5093	18908	4394848	9078	1664	5246	4363560	12601	1426	12576	4379632	15134	5064	14995
47	4399400	16268	5013	10256	4379632	15330	4979	15203	4473728	1539	1525	1539	4390064	175303	1373	24347	4399400	16584	4978	10237
48	4372968	12226	4882	12174	4237240	23610	4932	20675	4390064	174673	1460	24143	4400328	3548	1248	2246	4372968	11809	4853	11723
49	4239888	18857	4767	18812	4372992	12566	4827	12511	4370672	9101	1450	8987	4370896	9287	1245	9172	4372728	9587	4852	9452
50	4399352	22135	4654	15437	4373968	13592	4771	13474	4380256	12166	1435	11670	4378104	16402	1216	16104	4239888	18741	4779	18698
51	4379952	14435	4605	14304	4399400	16308	4731	10257	4363560	12660	1366	12636	4237040	7984	1075	6537	4399352	22696	4664	15838
52	4372992	12559	4479	12510	4307544	10337	4579	10325	4308256	80619	1327	36358	4399944	1545	1061	1143	4379952	13948	4610	13870
53	4373968	13584	4467	13486	4379952	14429	4537	14279	4400328	3603	1260	2337	4392016	51127	1048	51127	4372992	12241	4471	12191
54	4259216	35748	4369	12812	4399352	22096	4396	15367	4237040	8079	1244	6658	4370672	9105	1039	8993	4373968	13197	4448	13126
55	4237240	23611	4229	20649	4373992	12283	3908	12176	4378104	16413	1200	16102	4380256	12193	865	11662	4237240	23890	4302	20747
56	4372728	9105	4224	8957	4237504	52704	3894	49436	4322656	10143	1171	1657	4380872	13098	831	13053	4259216	34181	4284	11649
57	4395952	99077	4010	11962	4363120	10461	3852	10416	4380280	9681	1114	9313	4363120	10387	778	10352	4363120	10251	3831	10220
58	4380256	12152	3773	11665	4363408	16593	3541	16508	4378608	9816	1064	9563	4378608	9830	762	9587	4380256	11919	3788	11438
59	4373992	12259	3763	12174	4374344	13048	3535	12954	4399944	1527	1007	1141	4394584	11277	760	3547	4373992	11794	3757	11717
60	4363120	10338	3605	10288	4380256	12213	3477	11696	4238016	8734	861	6984	4238016	8728	746	6967	4395952	26876	3710	7358
61	4236288	35752	3585	23007	4363184	11334	3431	11282	4376200	53002	843	19969	4257576	4102	743	4068	4363408	16715	3691	16642
62	4305992	48300	3582	10806	4395952	99035	3299	10903	4379656	10949	828	10630	4400304	2459	743	1736	4236288	34840	3593	23003
63	4363408	16618	3512	16540	4370896	9282	3278	9164	4257576	4114	810	4082	4379656	10866	698	10566	4237504	52910	3485	49655
64	4237504	52732	3448	49548	4400272	7954	3234	4834	4394584	11216	808	3507	4390024	46198	652	13333	4305992	24553	3443	6273
Total L1 Misses	8281607			Total L1 Misses	8286974			Total L1 Misses	8275727			Total L1 Misses	8283702			Total L1 Misses	4851880			Total L1 Misses
Total L2 Misses	1364583			Total L2 Misses	1295269			Total L2 Misses	498822			Total L2 Misses	463136			Total L2 Misses	1352657			Total L2 Misses
Total EAs	4762			Total EAs	4768			Total EAs	4779			Total EAs	4770			Total EAs	4758			Total EAs
Total EAs (Miss)	3447			Total EAs (Miss)	3435			Total EAs (Miss)	3446			Total EAs (Miss)	3402			Total EAs (Miss)	2650			Total EAs (Miss)
Total EAs (Hit)	1315			Total EAs (Hit)	1333			Total EAs (Hit)	1333			Total EAs (Hit)	1368			Total EAs (Hit)	2108			Total EAs (Hit)
Only 1 EA	0			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	0			Only 2 EA
Only 3 EA	0			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	0			Only 4 EA

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	4403184	440598	194932	157270	4403184	440434	115077	157144	4403184	440457	115056	157223
2	4307528	385538	190867	63875	4395840	277457	105850	108019	4395840	276418	102314	107190
3	4395840	275633	147477	107264	4395880	113358	25016	39880	4395880	111787	24298	39155
4	4390504	171372	40749	101265	4396056	84920	19152	42680	4396056	90160	21875	46104
5	4395880	113187	34751	39782	4396240	40604	11634	23257	4396240	38786	10325	21815
6	4396056	87480	29890	44288	4390504	171437	10446	101552	4400280	26769	9852	12081
7	4379800	61260	21855	60112	4400280	26730	10414	12241	4394472	44471	9366	19831
8	4320488	40964	20133	26242	4394472	44439	10203	19844	4390504	171568	9132	101655
9	4308256	68908	16929	32311	4403608	18652	8463	15952	4403608	18647	8124	15942
10	4380888	42225	16854	41369	4364624	21979	7080	21592	4364624	21989	7167	21562
11	4396240	40308	16505	23027	4379792	53344	5935	52831	4379792	53297	5900	52739
12	4379792	53308	16296	52771	4379224	21868	4950	21380	4363336	19319	4468	19258
13	4241984	54544	15279	53741	4403080	79341	4893	77404	4372744	33504	4434	32909
14	4364624	21985	13978	21553	4379248	20263	4668	19766	4379224	21841	4298	21359
15	4394472	44156	13956	19915	4380888	42277	4587	41254	4389824	35329	4260	11513
16	4392016	50583	12879	50583	4394688	26366	4569	12258	4394688	26374	4226	12298
17	4403080	79440	12740	77595	4379800	61249	4384	60003	4379248	20277	4205	19765
18	4400280	26286	12303	13004	4389824	35254	4340	11487	4403080	79358	4181	77499
19	4372744	33494	10840	32908	4372744	33505	4140	32905	4394512	23889	3875	10574
20	4379224	21938	10480	21477	4363336	19380	4137	19325	4380888	42260	3862	41204
21	4380880	35830	10257	35669	4394512	23971	4112	10629	4380880	35827	3766	35648
22	4379248	20321	9868	19829	4398840	19931	3869	19642	4398840	19940	3274	19626
23	4373744	35568	9813	34654	4307528	385533	3756	64721	4372768	16748	3172	16638
24	4403608	18639	9209	15936	4380880	35814	3695	35632	4372344	16893	3089	16725
25	4398840	19932	8941	19650	4379760	20099	3211	13775	4379800	61214	2976	59880
26	4372344	16880	8399	16711	4398824	17077	3197	16818	4379760	20046	2971	13666
27	4238400	48743	8130	42392	4372768	16531	2874	16426	4398824	17039	2629	16771
28	4398824	17093	8072	16839	4398896	18938	2767	18644	4380848	17834	2595	12425
29	4363336	19636	7800	19572	4372344	16889	2733	16718	4395952	28554	2571	8803
30	4372768	16577	7747	16454	4373744	35050	2679	34466	4400272	6994	2488	4159
31	4372312	17243	6893	17144	4400272	7040	2633	4307	4373744	35002	2465	34434
32	4379760	20282	6707	13701	4392016	50598	2408	50598	4372080	34508	2449	34160
33	4398896	18967	6663	18687	4379632	15095	2378	14948	4363408	17092	2337	17017
34	4394688	26375	6587	12406	4372312	17216	2368	17121	4398896	18958	2255	18670
35	4389824	35113	6527	11387	4380848	17858	2341	12436	4307528	385536	2206	64404
36	4398896	15942	6264	15841	4363408	17164	2267	17071	4372312	17213	2184	17101
37	4380848	17944	6248	12338	4399400	16744	2181	10268	4379632	15138	2159	15010
38	4259208	52595	5972	16761	4422040	4682	2121	4682	4422040	4683	2115	4683
39	4394512	23812	5799	10486	4399352	22634	2098	15694	4372432	14711	1917	14572
40	4376200	38337	5600	15549	4395952	27133	2085	7405	4363184	11489	1910	11448
41	4372432	14713	5493	14566	4372728	9551	2017	9420	4372728	9338	1741	9235
42	4372080	27898	5702	9782	4372080	34554	1889	34222	4399400	16625	1683	10185
43	4372968	11803	5150	11753	4372432	14720	1831	14578	4399352	22649	1605	15743
44	4239888	18817	5147	18772	4363184	11513	1736	11470	4473728	1536	1524	1536
45	4237240	23881	5055	20754	4370896	9035	1684	8923	4394848	7620	1409	4508
46	4379632	15163	4954	15035	4394848	7940	1642	4701	4363560	11081	1340	11064
47	4372992	12251	4824	12203	4473728	1538	1525	1538	4370896	9036	1242	8924
48	4372728	9624	4773	9474	4370672	8730	1442	8615	4378104	16338	1215	16050
49	4373968	13248	4770	13171	4380256	11829	1435	11359	4237040	8172	1126	6625
50	4399400	16668	4703	10343	4308256	68203	1285	31604	4370672	8742	1038	8631
51	4379952	13966	4538	13866	4237040	8002	1277	6499	4399944	1472	1016	1082
52	4307544	10297	4481	10285	4363560	10976	1233	10962	4400328	2002	1000	1355
53	4399352	22623	4383	15730	4378104	16319	1212	16033	4392016	50569	996	50569
54	4363120	10374	3909	10350	4322656	3008	1185	676	4390064	19396	977	5517
55	4237504	52885	3893	49633	4380280	9475	1108	9160	4380256	11816	866	11369
56	4373992	11803	3891	11716	4378608	9782	1063	9553	4380872	13130	831	13072
57	4305936	20445	3837	8208	4390064	19343	1020	5494	4363120	10367	809	10328
58	4363408	16863	3779	16768	4400328	1983	1019	1337	4394584	8350	769	3056
59	4374344	12625	3538	12525	4399944	1471	994	1114	4378608	9736	763	9500
60	4380256	11816	3466	11334	4376200	38492	976	15314	4238016	8703	751	6916
61	4395952	26957	3456	7392	4238016	8654	852	6869	4257576	4123	742	4097
62	4400272	7244	3308	4593	4379656	8804	824	8604	4399936	937	688	651
63	4370896	9028	3278	8907	4257576	4123	812	4097	4363576	8844	680	8632
64	4363184	11184	3122	11136	4363120	10458	809	10407	4358832	9145	653	3861
Total L1 Misses	4849800			Total L1 Misses	4845970			Total L1 Misses	4845133			
Total L2 Misses	1287821			Total L2 Misses	495021			Total L2 Misses	460424			
Total EAs	4757			Total EAs	4761			Total EAs	4748			
Total EAs (Miss)	2629			Total EAs (Miss)	2665			Total EAs (Miss)	2644			
Total EAs (Hit)	2128			Total EAs (Hit)	2096			Total EAs (Hit)	2104			
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 3 EA	0			Only 3 EA	0			Only 3 EA	0			
Only 4 EA	0			Only 4 EA	0			Only 4 EA	0			

	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	4403184	419371	193882	155626	4403184	419297	194021	155600	4403184	419217	114738	155587	4403184	419130	114796	155492	4403184	420407	193025	155133	4403184	420346	193589	155112	4403184	420246	114492	155036	4403184	420281	114525	155082
2	4307528	386877	190741	64154	4307528	386878	190858	63986	4395840	277399	105726	104450	4395840	277386	103433	104260	4307528	384827	190425	63472	4307528	384820	190611	63386	4395840	213409	105847	99605	4395840	211823	102169	98992
3	4395840	275399	150277	103875	4395840	276355	147516	104035	4395880	115900	25017	42837	4395880	116005	24886	42792	4395840	211650	148865	96098	4395840	211820	147619	99341	4395880	90826	25126	37217	4395880	88858	24257	36255
4	4390504	119315	42322	79008	4390504	119230	41489	78983	4396056	84131	19069	41370	4396056	83530	18669	40936	4390504	108831	42046	67912	4390504	108869	41605	67999	4396056	62483	19630	37583	4396056	65612	21050	40315
5	4395880	115681	35424	42635	4395880	115887	35038	42893	4396240	37619	11479	22478	4396240	37767	11338	22480	4395880	90687	35401	37170	4395880	90636	34985	37009	4396240	30281	10917	20593	4396240	29914	10854	20476
6	4396056	85207	29741	42211	4396056	85037	28551	41970	4390504	119229	10447	79042	4400280	23494	9759	11652	4396056	64679	29978	39421	4396056	64090	29054	38885	4400280	21845	10503	11665	4400280	22026	9931	11402
7	4379800	49906	22882	49151	4379800	49958	22221	49207	4400280	23473	10316	11916	4394472	34280	9312	17346	4379800	47319	22546	46681	4379800	47334	21880	46681	4390504	108862	10379	68129	4394472	27305	9397	15690
8	4308256	53591	22305	26578	4320488	41136	20140	26364	4394472	34336	10234	17407	4390504	119272	9112	79169	4308256	44176	20581	22688	4320488	40935	20103	26226	4394472	27232	10096	15722	4390504	108854	9123	68125
9	4320488	41136	20093	26371	4380888	34510	17161	33848	4403608	20612	8476	17618	4403608	20610	8133	17610	4320488	40934	20061	26222	4380888	32509	17097	31887	4403608	18646	8462	15939	4403608	18648	8134	15956
10	4380888	34539	17685	33898	4396240	38251	17108	22900	4364624	18992	7080	18643	4364624	18986	7259	18655	4380888	32528	17642	31917	4396240	31251	16787	21328	4364624	19279	7069	18943	4364624	19293	7249	18944
11	4396240	38524	17562	23078	4308256	53452	16036	26259	4379792	40306	5894	40006	4379792	40306	5871	40015	4396240	30955	16741	21003	4241984	47289	15988	46791	4379792	40551	5831	40266	4379792	40619	5837	40305
12	4394472	34048	16296	17237	4241984	46667	15788	46196	4379224	17964	5045	17672	4389824	70474	4535	17867	4394472	27068	15618	15727	4308256	43846	15806	22605	4379224	17164	5007	16961	4363336	18643	4500	18604
13	4379792	40411	15850	40095	4379792	40330	15469	40002	4403080	66247	4910	64948	4363336	18289	4478	18231	4241984	47223	15359	46712	4379792	40597	15347	40283	4403080	62082	4880	61151	4372744	29337	4406	28917
14	4241984	46651	14463	46179	4394472	34120	14294	17178	4379248	16920	4696	16638	4372744	29517	4427	29119	4379792	40636	15159	40311	4394472	27184	14161	15807	4379248	16439	4719	16210	4379224	17121	4352	16903
15	4364624	19002	14013	18652	4364624	18994	13888	18640	4394688	18507	4645	10593	4379224	17904	4373	17604	4364624	19292	13900	18962	4364624	19278	13886	18909	4380888	32504	4582	31795	4379248	16439	4287	16211
16	4392016	38603	13715	38603	4392016	38594	12897	38594	4380888	34496	4618	33749	4394688	18204	4247	10208	4392016	39331	13107	39331	4392016	39343	12479	39343	4394688	14241	4521	9072	4403080	62053	4227	61136
17	4403080	66261	13006	65056	4403080	66357	12652	65112	4389824	70319	4571	17779	4379248	16917	4235	16631	4400280	21601	12884	12340	4400280	21523	12418	12079	4379800	47296	4419	46629	4394688	14188	4114	9061
18	4400280	23068	12581	12587	4400280	23100	12233	12355	4379800	49880	4487	49089	4403080	66204	4215	64904	4403080	62103	12571	61225	4403080	62078	12386	61171	4363336	18247	4174	18195	4389824	10056	4112	6269
19	4372744	29519	11034	29088	4372744	29519	10820	29071	4394512	18244	4134	9247	4380888	34487	3950	33710	4372744	29354	10944	28883	4372744	29339	10744	28863	4389824	10062	4165	6173	4380888	32510	3958	31780
20	4379224	17996	10826	17700	4379224	17966	10665	17690	4372744	29522	4132	29135	4394512	18297	3894	9286	4379224	17201	10695	16979	4379224	17195	10642	16983	4372744	29346	4116	28910	4372744	29346	3906	8155
21	4380880	26665	9998	26563	4373744	30504	10125	29865	4363336	18266	4122	18207	4380880	26627	3756	26514	4379248	16446	9894	16228	4373744	29434	10057	29041	4394512	15176	4116	8236	4380880	26820	3745	26718
22	4379248	16934	9890	16671	4379248	16940	9958	16672	4398840	17232	3906	17035	4372768	13520	3537	13446	4373744	29447	9838	29075	4379248	16448	9948	16228	4398840	16799	3903	16586	4398840	16796	3311	16581
23	4373744	30359	9842	29855	4380880	26657	9812	26538	4380880	26611	3666	26513	4398840	17230	3307	17010	4380880	26842	9586	26765	4380880	26836	9661	26755	4380880	26833	3663	26728	4372344	13766	3084	13692
24	4259208	30595	9467	11179	4403608	20570	9233	17595	4307528	386867	3592	64768	4372344	14199	3092	14125	4403608	18649	9228	15940	4403608	18633	9223	15941	4307528	384821	3450	63979	4372768	12671	3049	12634
25	4403608	20588	9226	17590	4398840	17231	9023	17006	4372768	13411	3331	13363	4379800	49819	2969	48993	4398840	16810	8994	16615	4398840	16783	9023	16574	4398824	13125	3248	12990	4379800	47310	2965	46540
26	4398840	17244	9069	17049	4372344	14176	8456	14109	4398824	13708	3258	13555	4379760	16746	2965	10904	4238400	28544	8578	26664	4372344	13771	8394	13701	4379760	16490	3183	10620	4379760	16512	2917	10603
27	4238400	29972	8683	27860	4398824	13756	8197	13620	4379760	16725	3195	10929	4398824	13760	2667	13610	4372344	13763	8526	13689	4398824	13130	8157	12999	4372768	12730	2899	12693	4395952	12402	2709	7730
28	4372344	14196	8594	14114	4238400	29972	8188	27849	4398896	15693	2791	15517	4380848	15430	2589	10242	4259208	22706	8346	8218	4238400	28552	8108	26633	4398896	15008	2790	14846	4398824	13115	2660	12998
29	4398824	13741	8429	13599	4363336	18971	8072	18932	4372344	14192	2730	14112	4400272	6125	2523	3938	4398824	13110	8310	12984	4363336	18922	8057	18867	4372344	13776	2727	13701	4380848	15285	2572	10115
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31	4363336	18722	7824	18675	4372312	13429	7021	13375	4400272	6135	2646	3995	4372080	31749	2442	31585	4372768	12513	7799	12477	4372312	12774	6842	12737	4400272	5675	2521	3804	4400272	5584	2448	3662
32	4389824	70232	7665	17909	4389824	70278	6976	17803	4392016	38584	2470	38584	4363408	16217	2348	16163	4394688	14633	7213	9154	4398896	15035	6726	14888	4379632	13204	2369	13099	4372080	31327	2435	31154
33	4394688	18476	7527	10192	4398896	15706	6757	15519	4379632	13517	2365	13412	4398896	15654	2281	15470	4372312	12796	7173	12756	4379760	16565	6683	10485	4372312	12788	2331	12754	4363408	16491	2405	16420
34	4372312	13423	7381	13382	4379760	16790	6689	10794	4372312	13379	2360	13347	4372312	13437	2218	13396	4398896	15067	6842	14909	4394688	14508	6518	9251	4380848	15297	2290	10101	4398896	14988	2275	14834
35	4394512	18281	7076	9167	4394688	18372	6572	10223	4380848	15457	2314	10322	4307528	386865	2186	64585	4394512	15180	6705	8151	4379936	10749	6333	10719	4392016	39339	2211	39339	4379632	13172	2203	13068
36	4398896	15714	6946	15553	4379936	11818	6360	11769	4390400	11050	2182	7476	4379632	13549	2185	13455	4379760	16550	6423	10567	4380848	15311	6203	10006	4363408	16352	2208	16280	4307528	384822	2179	63848
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38	4380848	15490	6211	10182	4394512	18319	6025	9265	4395952	34783	2138	7847	4395952	34596	2052	7563	4380848	15329	6213	10011	4394512	15158	5930	8238	4422040	4304	2120	4304	4422040	4299	2114	4299
39	4379936	11837	6191	11782	4372432	11824	5560	11749	4422040	5771	2122	5771	4372432	11862	1926	11800	4379936	10772	6162	10739	4259208	22613	5707	8180	4395952	10541	2116	6248	4372432	11364	1905	11309
40	4376200	25032	5978	10863	4372080	31652	5436	31465	4399352	13658	2101	9728	4363184	10382	1872	10359	4372432	11305	5659	11250	4376200	13830	5523	7227	4399352	13930	2057	9980	4363184	10119	1846	10090
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48	4239888	15924	4793	15897	4239888	15957	4966	15931	4380256	8785	1454	8514	4378104	15345	1213	15130	4239888	16240	4787	16202	4372728	8230	4934	8144	4380256	7985	1449	7753	4370896	7830	1233	7745
49	4372728	8183	4787	8085	4373968	9876	4952	9820	4370672	7807	1431	7712	4237040	6519	1094	5556	4399400	11248	4767	7596	4373968	9572	4896	9521	4370672	7595	1406	7493	4237040	6311	1100	5401
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57	4363120	8275	3970	8254	4305936	13084	3903	6143	4400328	2204	1104	1511	4380872	10106	826	10077	4259216	16265	3946	5844	4363408	15946	3632	15873	4400328	1805	1038	1266	4380872	10146	821	10123
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61	4363408	15708	3673	15651	4395952	35392	3379	7401	4238016	6993	859	5803	4238016	6993	745	5790	4363408	15895	3667	15805	4380256	7972	3482	7759	4399936	1237	880	719	4238016	6704	742	5546
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63	4305992	19170	3570	5493	4370896	7919	3239	7843	4363120	7975	829	7952	4358832	7176	666	3340	4400272	5858	3367	4100	4370896	7841	3259	7749	4363120	8391	833	8367	4379656	5867	719	5804
64	4305984	25500	3503	6232	4401560	5335	3079	5316	4399936	1190	821	719	4379656	6663	634	6527	4401560	5292	3181	5288	4237856	26332	3220	26083	4379656	5784	826	5723	4358832	5843	666	2956
Total L1 Misses	4300027			Total L1 Misses	4298582			Total L1 Misses	4294280			Total L1 Misses	4293494			Total L1 Misses	3302135			Total L1 Misses	3300818			Total L1 Misses	3297876			Total L1 Misses	3298181		
Total L2 Misses	1353589			Total L2 Misses	1287954			Total L2 Misses	494964			Total L2 Misses	460286			Total L2 Misses	1325268			Total L2 Misses	1285842			Total L2 Misses	492113			Total L2 Misses	459045		
Total EAs	4777			Total EAs	4752			Total EAs	4755			Total EAs	4764			Total EAs	4765			Total EAs	4756			Total EAs	4754			Total EAs	4742		
Total EAs (Miss)	2941			Total EAs (Miss)	2909			Total EAs (Miss)	2907			Total EAs (Miss)	2904			Total EAs (Miss)	2049			Total EAs (Miss)	2062			Total EAs (Miss)	2053			Total EAs (Miss)	2045		
Total EAs (Hit)	1836			Total EAs (Hit)	1843			Total EAs (Hit)	1848			Total EAs (Hit)	1860			Total EAs (Hit)	2716			Total EAs (Hit)	2694			Total EAs (Hit)	2701			Total EAs (Hit)	2697		
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		

	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	1530961	371380	8680	4598120	1523458	119177	8874	4598120	1532369	30697	8870	5101264	29353	26599	26203	4598120	1327635	316297	7790	4598120	1316636	118687	8083	4598120	1326793	29444	8040	5101264	27776	26678	25334
2	4618352	635026	92593	64911	4618352	635650	56929	65422	5101264	29519	26778	26131	4598120	1532992	11580	8681	4618352	366841	79371	37654	4618352	366728	55918	38493	5101264	28164	26952	25395	4598120	1330026	11094	7723
3	5059848	90419	46282	26026	5059848	90504	45824	28206	5059848	89920	16794	27611	5059848	89823	10613	27892	5059848	78483	45998	18602	5059848	77750	45335	23439	5059848	77421	16665	22771	5059848	77412	10472	22884
4	4622120	267869	42769	32106	4622120	267621	35398	31237	4622120	267530	13591	31486	4618352	634753	5234	65624	4622120	151586	43659	22214	4622120	151406	36483	22095	4622120	151355	13774	22385	4618352	367062	5118	38089
5	4598096	393975	35594	6510	5101264	33110	32342	26439	4618352	635025	12479	65544	4622120	267536	3114	31594	4598096	113495	33702	3352	5101264	33175	32386	26444	4618352	366966	12118	38377	4622120	151322	3087	22240
6	5101264	33174	32416	26367	4598032	1886141	18675	9507	4844000	36503	6429	3972	5101376	12790	2870	10233	5101264	33235	32491	26388	4598032	187656	18760	4023	4598096	110911	6618	3513	5101296	50848	2806	42232
7	4844000	36513	16337	3787	4844000	36512	16234	4445	4598096	401339	5832	6641	4844000	36502	2817	4011	4844000	34142	16173	2874	4598096	113849	17422	3518	4844000	34140	6388	3047	4844000	34142	2792	3055
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9	4613320	43086	14094	1302	4613320	44396	11025	1375	4609072	49788	3808	10959	5101328	10040	2334	6940	4613320	40565	14621	1015	4613320	41537	11250	1108	4609072	20735	3771	3834	5101376	11338	2692	10110
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15	4911664	20219	7316	312	4597048	15784	5896	1614	4760328	6700	2265	840	4597048	16543	1046	1397	4597048	15849	7357	1466	4911664	17304	5762	273	4760328	6707	2263	966	5101360	4828	894	3237
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24	4939952	19168	4778	1347	4911632	16180	4178	376	5042320	14908	1312	8762	4923216	8022	599	1001	4911632	16916	4095	245	4911632	16790	4123	245	4981120	4832	1171	1183	4760328	6714	523	1018
25	5011688	35202	4543	1	4597440	114700	3660	3403	4613280	23027	1211	894	4760328	6703	521	845	4597440	17620	3908	699	4597440	17459	3804	712	4613280	10705	1154	423	4597528	36395	513	1399
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28	4911632	16464	4263	346	4588536	17942	3021	183	5101344	2512	1072	2413	4591608	6578	459	6379	4939952	6858	3545	427	4670896	10203	2945	320	5101280	3387	991	1875	4591608	4442	459	4253
29	4845344	5968	4220	171	4701296	3499	2817	612	4923216	8137	1041	1073	5042112	5349	434	190	4614400	44103	3294	7597	5101328	5457	2864	4919	4911584	17258	951	316	4608280	1030	439	906
30	4670896	11519	4044	286	4602288	3004	2718	2909	4456472	50029	935	389	4484392	4858	378	215	4613280	10774	3106	396	4701296	3535	2818	579	4456472	28196	927	288	5042112	3743	431	75
31	4939888	19805	3999	1016	4981120	4781	2688	1148	4588280	3476	868	1	4701296	3499	364	587	4939888	6755	2916	360	4602288	2834	2716	2796	5101360	4718	883	3167	4484392	1934	386	102
32	4597440	114868	3901	3365	5101296	41907	2575	34133	5101216	4040	829	1184	4608088	3650	358	1324	5042320	7931	2889	4800	4981120	4846	2664	1281	4670456	24016	839	794	4608088	1984	359	1098
33	4911600	16290	3745	317	4610256	5048	2514	1910	4670456	42538	815	647	4608280	884	355	795	5101328	5586	2867	5061	4610256	4243	2479	1348	5101216	3879	817	1397	4410264	17717	340	577
34	4614400	46870	3286	8383	4701272	3338	2493	236	4922912	4648	809	569	4410264	17699	341	672	4940000	6467	2772	359	4701272	3529	2448	227	4911648	15400	798	243	4701296	3535	335	586
35	5042320	14856	3269	8740	5101280	3985	2247	1508	5042112	5437	805	193	4456472	50022	334	383	4610256	4228	2744	1310	4614400	44066	2267	7837	4922912	3180	794	228	4456472	28156	330	268
36	4610256	5035	2822	1915	4614400	46920	2224	8381	4597528	46795	796	1936	4598032	1885372	313	9481	4602288	2836	2734	2798	4700088	3060	2250	97	5042112	3657	793	80	4598032	187166	318	3865
37	4602288	3003	2735	2909	4700088	3102	2201	105	4610256	5046	785	1931	4482344	3698	308	2762	4701296	3535	2641	457	4613280	10690	2232	405	4610256	4246	779	1334	4482344	4246	318	3101
38	5101296	41638	2650	33750	4699920	2894	2059	116	4591608	6578	778	6400	4699920	2887	306	109	4981120	4834	2612	1123	4699920	3380	2129	105	4588280	3440	764	1	4981120	4833	302	1202
39	4981120	4781	2621	1081	4922912	4617	1953	557	4911648	18589	770	416	4981120	4774	302	1017	4588536	14587	2551	143	4922912	3173	1973	238	4616784	3873	755	303	4752904	1755	296	104
40	4701296	3500	2612	430	4939952	18685	1934	1308	4496560	3785	750	38	4752904	13507	298	196	4478216	4325	2385	40	4496560	3785	1914	44	5101312	2480	749	1631	4416976	624	291	392
41	4662808	4235	2598	290	4911808	5772	1919	272	5101312	2635	749	1810	4416976	625	290	332	4497784	95345	2381	401	5101280	3490	1905	1995	4496560	3785	740	43	5088896	916	272	478
42	4497784	238361	2575	401	4923216	8148	1807	1057	5101360	3242	739	2959	4276616	573	269	567	4890312	9101	2347	207	4911808	5751	1807	207	4670896	10173	708	384	5096520	738	256	738
43	4588536	18026	2552	179	4653040	7630	1787	408	4616784	3837	735	347	5088896	880	268	477	4410056	7881	2344	1	4653040	7146	1789	489	4482344	4236	704	3144	4699920	3380	254	103
44	4280768	3345	2456	1	4715136	3586	1735	180	4482344	3678	704	2847	4581664	972	267	230	4670376	8720	2324	138	4923216	3481	1780	403	4597528	36744	690	1435	4941928	488	253	482
45	5101280	4138	2446	1666	4484392	4941	1727	212	4670896	11481	691	383	5096520	764	256	764	4662808	4602	2266	327	4715136	3556	1751	55	4591608	4447	689	4276	4276616	468	241	462
46	4478216	4128	2378	42	4496560	3788	1657	44	4280768	3354	658	1	4477320	4120	234	27	4911808	5627	2155	242	4484392	1935	1697	109	4939952	6895	659	437	4477320	1507	234	17
47	4670376	9792	2265	176	4642464	8613	1620	496	4939952	18212	641	1356	4416920	621	224	328	4922912	3185	2099	247	4482344	4130	1695	3224	4918456	1243	617	49	4416920	624	223	374
48	4598104	39881	2196	727	4598104	46839	1609	744	4677960	2927	617	1	4922912	4704	219	555	4670032	7522	2082	200	4701304	3539	1695	218	4911600	14270	612	226	4274480	514	210	465
49	4922912	4650	2179	587	4588280	3464	1566	1	4918456	1584	614	40	4670456	42538	208	715	5101216	4117	2064	1304	5101216	3945	1661	1403	5011776	3362	606	1	4670456	24000	204	820
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51	4653040	7642	2038	456	4616784	3860	1518	304	5011776	7203	554	1	5104368	709	199	317	5042064	3818	2024	89	4939952	6908	1605	407	4701296	3535	541	624	4942656	636	202	591
52	4890312	27499	2003	243	4613280	22718	1509	924	4701296	3499	543	596	4274480	492	195	455	4923216	3477	1868	384	4642464	7733	1541	288	5011688	2095	506	1	5104368	724	199	311
53	4942968	4052	1989	141	4939888	20361	1459	1075	4479704	791	540	10	4941792	917	182	829	4911448	3409	1867	155	4642416	6141	1534	294	4677960	993	504	1	5056744	1271	191	392
54	4410056	23577	1986	1	5101216	3936	1455	1170	4518960	974	488	161	5056744	1386	181	423	5101280	3168	1830	1951	4588280	3444	1508	1	4479704	620	481	5	4752792	8200	183	149
55	4588200	4865	1941	1	4478216	4127	1437	81	4622096	438353	483	1384	4752792	2024	178	161	5041560	3523	1780	121	4662808	4529	1471	319	4518960	1045	460	164	4926640	739	181	26
56	4911808	5045	1938	239	5054136	4082	1431	260	4922688	1345	444	94	4926640	758	178	23	4616784	3975	1779	298	5101344	3466	1464	2863	4608280	1043	460	907	4752728	219	168	9
57	4939472	2854	1788	181	4662808	4052	1428	295	4939888	20272	431	1135	4941928	782	175	724	4484392	1935	1709	77	4478216	4324	1436	70	4922688	1209	445	66	4923792	1012	166	160
58	5098888	4810	1776	1464	5098752	5592	1422	4974	5020240	3151	421	1	4923792	3884	173	649	4701272	3529	1702	190	4614168	1972	1432	43	4923464	1556	434	67	5064896	593	165	336
59	4484392	4684	1762	194	5042112	5521	1417	187	4923464	1479	418	106	4752728	220	173	12	4482344	4115	1690	3221	5101312	2518	1404	1800	4926640	740	411	24	4581664	449	164	148
60	5041560	11222	1746	222	4642416	6960	1410	461	4926640	758	412	25	5064896	661	166	379	5042112	3550	1646	90	4923432	2798	1391	188	4923792	1019	386	173	4482112	1624	150	8
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62	5042112	5363	1709	201	4923432	8009	1362	438	4923792	3870	368	666	4500888	311	150	61	4700088	3059	1581	93	4939888	6740	1365	338	4920824	1487	367	168	4613280	10891	145	392
63	5101216	4151	1705	1118	4701304	2891	1338	227	4608280	894	368	803	4248088	250	149	210	4699920	3380	1579	109	5101360	5006	1361	3437	4911512	5689	366	244	4496560	3785	144	48
64	4700088	3073	1606	112	4967040	1828	1263	13	4920824	1562	366	161	4496560	3787	147	41	5101344	3708	1551	3044	4911512	5356	1360	251	4939536	2064	365	163	4478216	4324	143	41
Total L1 Misses	9854646			Total L1 Misses	9855479			Total L1 Misses	9843821			Total L1 Misses	9838963			Total L1 Misses	3748733			Total L1 Misses	3749824			Total L1 Misses	3740271			Total L1 Misses	3737545		
Total L2 Misses	1058946			Total L2 Misses	634706			Total L2 Misses	209436			Total L2 Misses	105445			Total L2 Misses	958682			Total L2 Misses	640922			Total L2 Misses	207188			Total L2 Misses	104173		
Total EAs	15771			Total EAs	15752			Total EAs	15810			Total EAs	15798			Total EAs	15675			Total EAs	15635			Total EAs	15719			Total EAs	15654		
Total EAs (Miss)	6493			Total EAs (Miss)	6463			Total EAs (Miss)	6448			Total EAs (Miss)	6423			Total EAs (Miss)	3920			Total EAs (Miss)	3907			Total EAs (Miss)	3887			Total EAs (Miss)	3842		
Total EAs (Hit)	9278			Total EAs (Hit)	9289			Total EAs (Hit)	9362			Total EAs (Hit)	9375			Total EAs (Hit)	11755			Total EAs (Hit)	11728			Total EAs (Hit)	11832			Total EAs (Hit)	11812		
Only 1 EA	4			Only 1 EA	1			Only 1 EA	5			Only 1 EA	0			Only 1 EA	1			Only 1 EA	1			Only 1 EA	5			Only 1 EA	0		
Only 2 EA	4			Only 2 EA	1			Only 2 EA	5			Only 2 EA	0			Only 2 EA	1			Only 2 EA	1			Only 2 EA	5			Only 2 EA	0		
Only 3 EA	4			Only 3 EA	1			Only 3 EA	5			Only 3 EA	0			Only 3 EA	1			Only 3 EA	1			Only 3 EA	5			Only 3 EA	0		
Only 4 EA	4			Only 4 EA	1			Only 4 EA	5			Only 4 EA	0			Only 4 EA	1			Only 4 EA	1			Only 4 EA	5			Only 4 EA	0		

	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	4598120	863156	367742	7261	4598120	863086	121049	7585	4598120	863415	30054	7376	5101264	27702	26626	25294	4598120	774909	278641	6380	4598120	772015	120272	6536	4598120	779590	28373	6458	5101264	27885	26777	25383
2	4618352	235994	79002	29035	4618352	236757	49539	29697	5101264	28021	26813	25323	4598120	862588	11318	7147	4618352	136304	52185	19823	4618352	136678	49704	20063	5101264	28222	27036	25417	4598120	782531	11212	6224
3	5059848	67289	43672	18185	5059848	66942	42503	23390	5059848	66549	16468	22403	5059848	66106	10585	22401	5059848	60691	42634	15511	5059848	60187	42810	19679	5059848	59971	16475	18688	5059848	60109	10522	18743
4	4622120	93144	35888	15748	5101264	33124	32344	26407	4622120	93096	13198	15614	4618352	236136	5176	29180	5101264	33135	32434	26356	5101264	33238	32547	26377	4622120	60984	12375	11911	4618352	136392	5144	19907
5	5101264	33136	32371	26375	4622120	93127	30848	15471	4618352	236461	11343	29425	4622120	93032	3139	15481	4622120	60991	30887	11602	4622120	60944	29937	11649	4618352	136300	11392	20023	4622120	60936	3166	11705
6	4598096	86257	30114	3353	4844000	30497	15499	3037	4844000	30504	6409	2992	4844000	30496	2800	2957	4844000	29468	15691	2625	4598032	31432	16062	2328	4844000	29445	6405	2651	5101376	10688	2809	9388
7	4844000	30517	15779	3041	4598032	50057	15307	2855	4598096	85572	6106	3382	5101376	11119	2756	9541	4598096	20182	14952	1887	4844000	29453	15739	2690	4598096	20106	5743	1937	4844000	29444	2802	2637
8	4598032	49931	15712	2741	4598096	85560	14642	3432	4609072	20339	3968	3027	4602288	2816	2699	2767	4613320	26510	14706	860	4598096	20129	12536	1918	4609312	9603	3228	769	4602288	2729	2700	2709
9	4613320	29404	12369	931	4613320	30442	10800	1028	4609312	10020	3770	1286	4609312	10037	2159	1186	4598032	31376	12188	2258	4613320	26532	11636	939	4598032	31322	2745	2377	5101296	48313	2413	41474
10	4609072	20356	10019	3069	4609312	10018	6214	1320	4598032	49442	2870	2810	5101328	5737	2105	5215	4456472	15661	8563	217	4760328	6470	6179	621	5101376	10684	2744	9275	4609312	9612	2173	699
11	4597528	22277	9610	1068	4609072	20432	6157	3099	5101376	11168	2716	9539	5101296	48245	2030	41296	4597048	11378	6978	893	4609312	9606	6105	804	4609072	7878	2697	2197	4613320	26650	1963	719
12	4911584	14341	7972	380	4911584	14341	6063	426	4602288	2816	2503	2770	4613320	30604	1953	825	4597528	15236	6855	708	4609072	7895	5233	2226	4597048	10882	2687	782	5101328	5720	1898	4938
13	4597048	11625	7412	1073	4760328	6083	5806	648	4597048	10800	2457	978	5101280	4136	1679	1970	4760328	6485	6014	631	5101376	10641	5108	9301	5101296	47873	2562	41124	5101280	3644	1655	1598
14	4609312	10032	6676	1204	4410264	10878	5485	503	5101296	47765	2289	40827	5101344	2900	1276	2473	4609312	9603	6001	647	4597048	10470	4928	797	4602288	2729	2507	2711	5101344	2443	1239	2318
15	4911664	10904	6355	261	5101376	11185	5233	9558	4410264	10881	2211	541	4597048	11620	1062	931	4609072	7912	5435	2161	4911584	6948	4876	267	4410264	5599	2241	402	4597048	11981	1123	754
16	4410264	10882	6038	402	4597048	10514	4793	980	4760328	6091	2093	648	5042320	6208	895	4340	5101376	10459	5039	9223	4410264	5617	4823	386	4760328	6480	2183	695	4598096	19980	888	1892
17	4760328	6087	5729	599	4456472	32537	4679	296	4613320	30379	2037	926	4609072	20531	869	3015	4911584	6944	4837	299	4456472	15670	4665	220	4613320	26573	2116	852	5042320	3727	875	2970
18	4456472	32530	5687	296	4911648	9678	4629	312	5101328	5723	1984	5248	5101360	3215	810	2824	4410264	5641	4655	368	4911664	6278	4601	218	5101328	5831	2046	5034	5101360	3111	815	2781
19	5101376	11233	5225	9609	4911664	10898	4412	290	5101280	4351	1847	2100	4598096	85515	745	3326	4911664	6279	4236	229	4670456	5850	4195	615	5101280	3584	1783	1658	4609072	7909	717	2147
20	4613280	8859	4870	436	4597528	21184	4133	1029	4911664	10901	1449	281	4610256	3482	685	1171	5101296	42862	4126	33946	4911648	4590	3923	192	4588536	11994	1364	126	4610256	3158	682	949
21	4845344	5798	4728	73	4670456	17313	3593	583	4588536	11676	1383	141	4923216	7273	635	767	5101328	6239	3516	5421	5101296	42445	3717	34009	4484392	1901	1177	85	5101312	1637	626	1221
22	4939952	17062	4718	962	4911632	10308	3555	269	4911584	14332	1363	394	5101312	1887	557	1299	4911648	4610	3425	202	4911632	6000	3587	178	5042320	3724	1173	3011	4923216	2418	595	296
23	4911648	9682	4185	260	5101296	42569	3511	34358	5101344	2741	1255	2308	4760328	6096	541	682	4670456	5851	3371	649	5101328	6172	3503	5333	5101344	2299	1143	2171	4760328	6490	520	689
24	4598104	13803	3997	640	4911600	7887	3313	271	4484392	1783	1245	93	4911584	14328	481	370	4911632	6047	3190	205	4597528	15290	3148	685	4923216	2419	1078	330	4588536	11339	463	129
25	4939888	17488	3934	698	5101328	5897	3266	5289	5042320	6216	1228	4366	4588536	11276	464	148	4614400	9327	2779	3104	5101280	3618	2910	1615	4911664	6279	1031	205	4911584	6947	463	284
26	4940000	14013	3914	825	4588536	11971	2963	144	4613280	8905	1185	430	4591608	2021	458	1920	4602288	2729	2714	2713	4588536	12421	2856	117	4456472	15767	965	213	4591608	2011	454	1887
27	5101296	42489	3741	34176	5101280	4235	2884	2033	4981120	3284	1150	1101	5042112	1424	432	69	4610256	3140	2688	954	4602288	2729	2711	2712	4911584	6950	951	271	4608280	666	439	605
28	4911632	10712	3685	266	4602288	2815	2713	2772	4923216	7336	1039	824	4608280	805	432	712	4598104	22148	2610	496	5042320	3788	2476	3120	4670456	5837	888	681	5042112	1509	431	28
29	4670456	17336	3435	573	5042320	6292	2666	4459	4456472	32553	942	272	4597528	21250	415	937	5101280	3296	2553	1677	4610256	3153	2435	971	5101360	3116	856	2806	4597528	15554	403	607
30	4597440	6027	3392	440	4598104	13969	2579	684	4478216	3466	897	54	5101216	1554	388	994	4588536	11890	2456	122	4911600	3010	2385	175	5042112	1495	778	35	4484392	1898	360	86
31	5101328	6042	3306	5376	4610256	3477	2462	1183	4670456	17319	888	594	4484392	1791	361	110	5042320	3615	2450	3007	4701296	2423	2264	519	4588280	1722	777	1	4410264	5704	352	401
32	4614400	16546	3027	4484	4981120	3307	2245	1053	5101360	3215	808	2819	4410264	10878	342	542	4701296	2424	2112	456	4597440	4105	2121	368	4610256	3153	769	955	4598032	31287	342	2301
33	4911600	7878	3005	269	4701296	2721	2086	528	4922912	4188	785	379	4701296	2718	334	520	4478216	2729	1978	32	4614400	9339	2060	3093	4496560	2816	766	31	4482344	2633	340	2090
34	5101280	4262	2953	2091	4939952	17053	1916	938	4610256	3485	777	1181	4598032	49274	331	2746	4922912	2695	1903	207	4496560	2816	2058	28	4616784	3455	750	196	4456472	15653	338	199
35	5042320	6239	2818	4469	4496560	3785	1880	40	4616784	2085	760	274	4456472	32547	331	254	4923216	2422	1794	300	4922912	2693	1922	226	5101312	1733	747	1333	4701296	2425	338	555
36	4610256	3476	2759	1185	4597440	5938	1870	459	4496560	3784	757	42	4482344	2696	314	1994	4981120	2658	1723	952	4598104	24781	1802	489	4922912	2693	723	208	5101216	1014	312	585
37	4602288	2816	2726	2774	4922912	4181	1846	390	4597528	21336	740	999	4981120	3276	308	1120	4484392	1899	1660	75	4484392	1901	1737	91	4911648	4609	700	185	4981120	2641	303	942
38	4588536	11607	2589	155	4614400	16537	1841	4464	4911648	9690	719	268	4752904	648	299	71	4597440	4344	1614	377	4923216	2422	1718	336	4597528	15588	681	664	4752904	563	299	59
39	4981120	3346	2255	957	4613280	8803	1789	432	4670896	3903	715	325	4416976	570	293	413	4482344	2622	1579	2087	4981120	2658	1715	1038	4478216	2729	678	69	4276616	598	296	585
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42	4922912	4203	2111	419	4653040	3898	1690	370	4591608	2020	652	1925	4608088	835	261	546	4616784	3352	1516	179	4700088	1683	1587	68	4613280	2204	608	250	5096520	536	256	536
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44	4410056	6541	1976	1	4670896	3826	1657	300	4918456	1271	615	45	4477320	732	234	15	4939952	1927	1471	205	4478216	2729	1433	82	4918456	994	552	26	4477320	804	234	15
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47	4939472	2385	1776	167	4616784	2068	1569	275	5042112	1394	552	72	4699920	2419	223	99	4700088	1671	1437	63	4699920	1991	1326	90	4922688	794	463	46	4670456	5838	212	682
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54	4482344	2523	1487	1984	4923432	1978	1268	180	4923464	1280	425	67	5056744	980	186	335	4588280	1709	1218	1	5101360	3328	1229	2927	4923432	2020	361	138	5056744	891	183	284
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63	4939536	1518	1272	101	4588280	1270	1056	1	4923432	1983	351	168	4248088	250	150	203	4701272	1485	1002	185	4701304	1543	1049	182	4922928	1600	310	183	4248088	250	148	200
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Total L1 Misses	2500382			Total L1 Misses	2496247			Total L1 Misses	2494207			Total L1 Misses	2492114			Total L1 Misses	1681727			Total L1 Misses	1681027			Total L1 Misses	1679462			Total L1 Misses	1678857		
Total L2 Misses	952782			Total L2 Misses	581873			Total L2 Misses	203062			Total L2 Misses	104906			Total L2 Misses	734084			Total L2 Misses	563084			Total L2 Misses	193105			Total L2 Misses	104954		
Total EAs	15675			Total EAs	15670			Total EAs	15704			Total EAs	15675			Total EAs	15613			Total EAs	15644			Total EAs	15673			Total EAs	15635		
Total EAs (Miss)	4455			Total EAs (Miss)	4433			Total EAs (Miss)	4424			Total EAs (Miss)	4404			Total EAs (Miss)	2576			Total EAs (Miss)	2565			Total EAs (Miss)	2548			Total EAs (Miss)	2502		
Total EAs (Hit)	11220			Total EAs (Hit)	11237			Total EAs (Hit)	11280			Total EAs (Hit)	11271			Total EAs (Hit)	13037			Total EAs (Hit)	13079			Total EAs (Hit)	13125			Total EAs (Hit)	13133		
Only 1 EA	3			Only 1 EA	1			Only 1 EA	1			Only 1 EA	0			Only 1 EA	1			Only 1 EA	1			Only 1 EA	1			Only 1 EA	0		
Only 2 EA	3			Only 2 EA	1			Only 2 EA	1			Only 2 EA	0			Only 2 EA	1			Only 2 EA	1			Only 2 EA	1			Only 2 EA	0		
Only 3 EA	3			Only 3 EA	1			Only 3 EA	1			Only 3 EA	0			Only 3 EA	1			Only 3 EA	1			Only 3 EA	1			Only 3 EA	0		
Only 4 EA	3			Only 4 EA	1			Only 4 EA	1			Only 4 EA	0			Only 4 EA	1			Only 4 EA	1			Only 4 EA	1			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	4195152	74211	13628	21701	4195152	74197	3376	21625	4195080	68453	5342	9493	4578664	1270	165	1105	4195152	75355	13227	20285	4195152	75351	3362	20252	4195080	69908	5245	8903	4578664	613	158	445
2	4195104	74088	5876	21027	4195104	74054	3310	21097	4195152	74245	1747	21786	4576112	557	56	494	4195104	75287	5849	19867	4195104	75261	3281	19846	4195152	75363	1754	20276	4576112	217	58	185
3	4195080	68431	5795	9478	4195080	68417	1267	9443	4491640	79643	915	2478	4592176	263	43	135	4195080	69910	5705	8942	4195080	69889	1269	8941	4491640	83038	920	2319	4592176	269	41	130
4	4541024	5312	2272	493	4541024	5317	782	659	4493592	43729	574	1838	4561952	168	20	71	4541024	5041	2272	533	4541024	5041	704	561	4493592	48151	542	1865	4539112	162	18	111
5	4268728	119467	1264	1707	4603512	383	266	77	4267752	210139	279	7511	4208224	3913	18	1286	4491640	82961	1145	2339	4603512	384	266	66	4267752	225547	225	7397	4561952	136	18	51
6	4491640	79626	1146	2488	4578664	1273	166	1111	4268208	228606	238	7087	4539112	1154	17	275	4256776	2861	1116	178	4578664	614	163	460	4268208	248724	204	6981	4553232	58	18	34
7	4256776	2767	1132	169	4622776	130	125	1	4578664	1243	162	1072	4553232	111	17	58	4268728	53383	823	801	4554432	291	160	39	4578664	609	161	445	4208224	1098	13	718
8	4268896	207861	787	7874	4490296	119	114	1	4493528	7666	126	1022	4579824	173	11	164	4268896	196275	718	7539	4622776	129	125	1	4460248	6098	118	529	4579824	73	13	62
9	4493592	43724	706	1840	4543488	252	113	61	4269056	38426	70	3159	4208232	4287	10	1397	4493592	48345	657	1867	4490296	119	116	1	4493528	8910	84	1041	4568800	26	12	26
10	4464840	44903	530	729	4541496	121	113	12	4267624	55525	65	4246	4536232	425	9	288	4462984	8724	591	581	4594880	128	113	1	4269056	43678	62	3358	4208352	679	9	508
11	4269176	120700	509	4559	4585528	124	109	16	4267616	207451	56	7276	4267768	45873	7	3889	4464840	10959	497	513	4541496	121	112	14	4267624	55779	51	4319	4536232	201	9	172
12	4269336	52713	488	1333	4594880	129	108	1	4576112	555	55	504	4492096	1075	7	174	4464856	7496	474	513	4543488	177	109	23	4576112	219	49	183	4492096	209	7	89
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16	4462984	18293	414	735	4543240	772	81	1	4268096	24695	37	3552	4568800	19	6	16	4268712	55506	402	887	4545824	386	99	1	4267640	21551	30	3053	4568496	8	6	8
17	4256928	5061	406	841	4554520	147	78	32	4268072	203988	31	6947	4568768	17	6	13	4256928	5037	393	837	4553440	134	96	24	4208352	710	30	511	4492736	75129	5	2107
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53	4490296	119	114	1	4579824	192	13	178	4207088	719	4	389	4614008	6	2	6	4256960	580	118	63	4604144	19	15	5	4491832	80098	4	2753	4268920	14	2	9
54	4594992	138	113	15	4556560	42	13	20	4543488	255	4	44	4536160	5	2	5	4270000	24501	116	891	4267824	4706	14	720	4554520	145	4	29	4359448	14	2	13
55	4592952	203	112	1	4268896	207990	12	7830	4554520	149	4	36	4581304	4	2	3	4491448	15099	115	1450	4256776	2858	14	183	4561944	123	4	10	4552992	8	2	7
56	4208224	3810	111	1307	4269600	21824	12	1969	4561944	128	4	10	4553024	4	2	4	4490296	119	115	1	4269472	11273	13	1899	4270168	57	4	37	4537736	8	2	7
57	4269600	21961	104	1969	4270368	19753	12	3742	4561968	61	4	30	4570240	3	2	3	4594992	137	114	14	4209344	88	13	60	4208488	35	4	29	4614008	6	2	6
58	4585528	125	104	17	4256776	2736	12	159	4618304	56	4	26	4269176	120451	1	4548	4592952	158	111	1	4579824	72	13	62	4592080	16	4	13	4269200	4	2	4
59	4541704	727	101	1	4540920	254	12	32	4590968	13	4	9	4269792	97035	1	3491	4490472	120	111	1	4208488	38	13	36	4590968	13	4	9	4560056	4	2	4
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61	4269056	38319	99	3218	4464840	44076	11	694	4492928	4856	3	974	4194992	40978	1	1	4208224	1131	108	796	4493472	8157	11	962	4269176	118003	3	4889	4414720	3	2	3
62	4460368	71706	86	640	4270000	42007	11	1119	4603512	383	3	73	4268816	40149	1	2948	4493528	8651	107	1039	4208352	676	11	489	4492928	3053	3	590	4599336	2	2	2
63	4267624	55930	86	4255	4592952	201	11	1	4270288	288	3	51	4464904	24307	1	542	4535664	169	107	1	4208104	640	11	391	4267768	1566	3	858	4268896	196350	1	7471
64	4462800	2385	81	289	4492096	1081	10	169	4552608	174	3	28	4492824	23926	1	89	4585528	123	103	20	4594808	128	11	1	4603512	383	3	74	4269792	94601	1	3578
Total L1 Misses	6324239			Total L1 Misses	6305178			Total L1 Misses	6319850			Total L1 Misses	6316913			Total L1 Misses	3883816			Total L1 Misses	3878860			Total L1 Misses	3880977			Total L1 Misses	3884022		
Total L2 Misses	49056			Total L2 Misses	12336			Total L2 Misses	10419			Total L2 Misses	639			Total L2 Misses	47483			Total L2 Misses	12446			Total L2 Misses	10180			Total L2 Misses	615		
Total EAs	6275			Total EAs	6287			Total EAs	6265			Total EAs	6274			Total EAs	6235			Total EAs	6259			Total EAs	6248			Total EAs	6250		
Total EAs (Miss)	2787			Total EAs (Miss)	2753			Total EAs (Miss)	2766			Total EAs (Miss)	2752			Total EAs (Miss)	1768			Total EAs (Miss)	1800			Total EAs (Miss)	1765			Total EAs (Miss)	1767		
Total EAs (Hit)	3488			Total EAs (Hit)	3534			Total EAs (Hit)	3499			Total EAs (Hit)	3522			Total EAs (Hit)	4467			Total EAs (Hit)	4459			Total EAs (Hit)	4483			Total EAs (Hit)	4483		
Only 1 EA	11			Only 1 EA	9			Only 1 EA	0			Only 1 EA	1			Only 1 EA	12			Only 1 EA	11			Only 1 EA	0			Only 1 EA	0		
Only 2 EA	11			Only 2 EA	9			Only 2 EA	0			Only 2 EA	1			Only 2 EA	12			Only 2 EA	11			Only 2 EA	0			Only 2 EA	1		
Only 3 EA	11			Only 3 EA	9			Only 3 EA	0			Only 3 EA	3			Only 3 EA	12			Only 3 EA	11			Only 3 EA	0			Only 3 EA	4		
Only 4 EA	11			Only 4 EA	9			Only 4 EA	0			Only 4 EA	4			Only 4 EA	12			Only 4 EA	11			Only 4 EA	0			Only 4 EA	6		

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	26592	12152	8093	4195104	31279	1407	9661	4195080	65085	5300	8526	4578664	501	159	450	4195152	25868	6398	9808	4195104	25830	1486	9579	4195080	8469	1359	3992	4578664	365	152	337
2	4195080	65119	5859	8540	4195152	26640	1239	8140	4195152	26651	1744	8169	4576112	234	54	219	4195104	25771	3433	9516	4195152	25913	1453	9922	4491640	2509	204	558	4576112	134	59	129
3	4195104	31348	5310	9739	4195080	65097	1133	8576	4491640	61729	857	2082	4592176	243	41	126	4195080	8492	2833	3947	4195080	8525	704	3931	4578664	367	154	341	4592176	236	38	126
4	4541024	3942	1800	542	4578664	499	157	464	4493592	39723	585	1632	4553232	37	21	34	4256960	670	285	124	4603512	347	224	75	4493592	1558	119	454	4208224	199	18	139
5	4268728	70559	1206	971	4208224	208	115	151	4267752	99488	259	3916	4208224	205	19	148	4603512	346	262	69	4578664	366	156	343	4460304	406	90	102	4579824	49	18	48
6	4491640	61749	1074	2086	4545824	400	113	1	4268208	95151	203	3877	4539112	73	18	67	4541024	2566	256	477	4554432	208	121	21	4460136	426	82	136	4539112	38	18	38
7	4256776	1965	829	285	4553440	136	102	24	4578664	500	161	447	4579824	96	16	87	4257072	558	250	102	4256960	706	120	131	4576112	134	56	130	4553232	24	18	24
8	4493592	39742	714	1663	4585528	85	79	14	4493528	7215	119	913	4208232	1265	12	696	4543240	436	229	1	4194904	117	113	1	4195152	25885	47	9857	4561952	36	17	30
9	4462984	11212	501	521	4491448	869	75	437	4269056	21289	78	2112	4208352	52	12	44	4269336	5565	201	500	4622776	113	113	1	4592176	256	40	126	4208352	40	12	33
10	4464848	10559	483	456	4543240	509	74	1	4460136	9504	76	557	4536232	198	11	171	4491640	2516	201	567	4490296	119	100	1	4493528	275	28	149	4536232	127	10	122
11	4269336	25571	482	760	4553360	72	65	10	4267624	30212	62	2248	4561952	36	11	31	4268728	12912	197	408	4545824	361	99	1	4208352	44	28	33	4568800	19	10	18
12	4464856	11832	477	506	4536232	182	59	159	4576112	236	54	223	4267368	895	9	419	4554432	208	185	22	4208224	192	89	127	4195104	25786	23	9562	4267368	310	8	122
13	4464840	21473	476	502	4576112	237	56	227	4460304	7813	53	344	4552608	190	6	27	4268712	1327	170	144	4553440	122	83	21	4457968	80	22	58	4208488	21	8	21
14	4493472	1061	456	284	4554808	174	50	21	4268080	24110	52	1872	4568800	14	6	14	4578664	364	155	335	4554808	154	73	24	4579824	43	20	43	4209136	39	7	30
15	4268712	19509	430	640	4610464	50	46	9	4267616	27091	51	2489	4208488	10	6	10	4493472	347	149	44	4585528	82	72	17	4553232	26	20	26	4552608	170	6	22
16	4464864	12831	370	476	4541024	3935	45	601	4592176	242	43	130	4568496	7	6	7	4460304	406	143	99	4543240	465	69	1	4267752	8165	19	806	4207088	40	6	22
17	4267752	99771	348	3929	4592176	240	42	125	4267640	11332	36	1599	4630712	122	5	14	4462984	810	140	252	4554520	102	59	14	4539112	38	18	38	4208232	31	6	25
18	4543240	482	299	1	4630712	125	39	15	4268096	10390	36	1666	4208104	56	5	45	4464904	1119	139	119	4594880	78	57	1	4568768	18	18	17	4568496	6	6	6
19	4268208	95154	282	3902	4495144	89	38	89	4195104	31285	34	9760	4209136	32	5	22	4460136	429	136	121	4536232	131	56	126	4561952	37	15	31	4575560	6	6	6
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21	4256928	1386	251	367	4554432	265	32	40	4268072	25789	24	2479	4575560	15	5	10	4493592	1561	124	450	4576112	129	55	125	4209136	42	13	23	4592080	19	5	16
22	4491448	871	229	435	4561952	52	27	47	4491488	1161	22	319	4492096	969	4	139	4194904	119	119	1	4553360	74	48	9	4267368	307	12	131	4630712	149	4	15
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26	4462920	1140	169	258	4269384	164	19	41	4208224	217	16	164	4590968	11	4	9	4622776	113	113	1	4491448	122	35	62	4269056	2673	8	405	4590968	7	4	6
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28	4269952	12379	166	386	4622416	35	19	19	4561952	41	15	36	4269200	6	4	6	4592176	245	107	120	4460304	408	33	102	4208488	20	8	20	4594992	131	3	10
29	4578664	488	160	455	4553232	24	19	22	4579824	96	14	86	4270368	2030	3	725	4554520	104	103	12	4555352	144	30	35	4208232	33	7	30	4561944	113	3	7
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35	4493528	7259	136	942	4267368	879	16	412	4208488	21	8	21	4603512	9	3	9	4256776	397	81	66	4622416	44	21	23	4464024	9	5	9	4575464	5	3	5
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37	4464896	5282	122	288	4268896	48708	13	3409	4630712	121	7	13	4575464	5	3	5	4556488	82	80	9	4561952	33	19	25	4492736	18013	4	706	4491448	138	2	61
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41	4284328	1340	115	51	4555192	123	11	1	4208104	63	6	56	4492928	1959	2	488	4490472	76	75	1	4539112	38	18	38	4561944	114	4	8	4552576	83	2	20
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43	4592952	135	112	1	4559776	27	10	25	4491832	2438	5	826	4267824	492	2	141	4464864	388	74	135	4207088	41	17	28	4552576	84	4	19	4492928	33	2	19
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47	4554808	183	97	24	4269472	144	9	64	4555352	165	4	38	4552576	88	2	25	4462888	643	69	115	4552608	180	12	26	4561968	10	4	9	4600248	11	2	2
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49	4269056	21201	95	2115	4270088	109	9	62	4207088	46	4	31	4622416	38	2	20	4269952	2764	64	199	4209344	12	9	11	4577376	6	4	3	4268920	8	2	5
50	4269288	732	94	330	4379080	21	9	19	4577376	43	4	23	4543488	29	2	14	4270744	391	64	147	4268896	3915	8	1023	4269176	2545	3	571	4577376	6	2	3
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53	4460136	9644	87	566	4493472	1012	8	305	4592080	22	4	17	4577200	25	2	24	4576112	131	60	126	4457968	82	8	60	4492712	226	3	146	4552992	5	2	5
54	4585528	93	87	17	4285408	546	8	314	4537768	16	4	13	4378256	23	2	22	4436256	183	59	72	4561968	10	8	9	4594992	131	3	11	4614008	5	2	5
55	4268896	48792	79	3406	4270744	155	8	28	4590968	8	4	8	4561968	12	2	9	4464856	353	58	137	4269384	12473	7	803	4555352	130	3	22	4579072	5	2	5
56	4267616	27382	77	2450	4270000	98	8	25	4568800	5	4	5	4568760	11	2	9	4464888	295	58	62	4552576	85	7	22	4594880	78	3	1	4583536	4	2	4
57	4462800	303	76	124	4378040	27	8	27	4268896	48823	3	3400	4552992	9	2	9	4541704	145	53	1	4464336	33	7	19	4267824	77	3	48	4593456	4	2	4
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59	4358144	501	70	501	4267768	340	7	228	4553440	151	3	29	4576832	5	2	4	4464840	293	49	117	4559776	13	7	13	4464336	18	3	10	4359456	3	2	3
60	4267624	30349	69	2273	4269312	117	7	1	4594992	95	3	8	4560056	4	2	4	4269384	12446	48	794	4594992	132	6	22	4537768	6	3	6	4359368	3	2	3
61	4270744	151	68	27	4270216	98	7	40	4270288	43	3	26	4579264	3	2	3	4491000	88	48	1	4495144	101	6	101	4590952	6	3	5	4269200	3	2	3
62	4536232	207	66	180	4543488	29	7	14	4543488	30	3	13	4581304	3	2	2	4464848	272	47	112	4378040	28	6	28	4575464	5	3	5	4579264	2	2	2
63	4492824	10487	61	73	4317176	20	7	20	4359336	9	3	9	4614952	3	2	3	4256928	379	46	133	4379144	15	6	15	4208512	4	3	4	4414720	2	2	2
64	4576112	240	60	225	4379144	15	7	15	4603512	9	3	9	4553024	2	2	2	4463264	399	45	91	4554736	15	6	4	4269200	4	3	4	4269288	3695	1	625
Total L1 Misses	1808295			Total L1 Misses	1805122			Total L1 Misses	1802003			Total L1 Misses	1803871			Total L1 Misses	283359			Total L1 Misses	283855			Total L1 Misses	283247			Total L1 Misses	284141		
Total L2 Misses	42361			Total L2 Misses	5950			Total L2 Misses	10351			Total L2 Misses	631			Total L2 Misses	21490			Total L2 Misses	6554			Total L2 Misses	2777			Total L2 Misses	626		
Total EAs	6251			Total EAs	6237			Total EAs	6219			Total EAs	6234			Total EAs	6231			Total EAs	6234			Total EAs	6232			Total EAs	6231		
Total EAs (Miss)	1306			Total EAs (Miss)	1305			Total EAs (Miss)	1292			Total EAs (Miss)	1295			Total EAs (Miss)	849			Total EAs (Miss)	856			Total EAs (Miss)	860			Total EAs (Miss)	860		
Total EAs (Hit)	4945			Total EAs (Hit)	4932			Total EAs (Hit)	4927			Total EAs (Hit)	4939			Total EAs (Hit)	5382			Total EAs (Hit)	5378			Total EAs (Hit)	5372			Total EAs (Hit)	5371		
Only 1 EA	5			Only 1 EA	6			Only 1 EA	0			Only 1 EA	0			Only 1 EA	15			Only 1 EA	9			Only 1 EA	1			Only 1 EA	0		
Only 2 EA	5			Only 2 EA	6			Only 2 EA	0			Only 2 EA	2			Only 2 EA	15			Only 2 EA	9			Only 2 EA	1			Only 2 EA	4		
Only 3 EA	5			Only 3 EA	6			Only 3 EA	0			Only 3 EA	6			Only 3 EA	15			Only 3 EA	9			Only 3 EA	2			Only 3 EA	8		
Only 4 EA	5			Only 4 EA	6			Only 4 EA	0			Only 4 EA	8			Only 4 EA	15			Only 4 EA	10			Only 4 EA	4			Only 4 EA	10		