

CA Stats comparisions

Parameters	Base	Single Core Attack	Double Core Attack	Three Core Attack
final_tick	26319248000	1721170568000 (65.39 x)	1742469679000 (66.21x)	
system.l2cache.ReadExReq_miss_rate::total	0.371996	0.501266	0.525959	
system.l2cache.ReadSharedReq_accesses::total	64197	10547711	21031562	
system.l2cache.ReadSharedReq_miss_latency::total	5928008000	1079415576000 (182.08x)	2195011118000 (370.27x)	
system.l2cache.ReadSharedReq_miss_rate::total	0.835787	0.999406	0.999711	
system.l2cache.ReadSharedReq_misses::total	53655	10541444	21025477	
system.l2cache.ReadSharedReq_mshr_miss_latency::total	4854908000	868586696000	1774501578000	
system.l2cache.ReadSharedReq_mshr_miss_rate::total	0.835787	0.999406	0.999711	
system.l2cache.ReadSharedReq_mshr_misses::total	53655	10541444	21025477	
system.l2cache.WritebackDirty_accesses::writebacks	154382	10598545	21049274	
system.l2cache.blocked::no_mshrs	0	0	0	
system.l2cache.blocked::no_targets	0	0	0	
system.l2cache.blocked_cycles::no_mshrs	0	0	0	
system.l2cache.blocked_cycles::no_targets	0	0	0	
system.l2cache.demand_miss_latency::total	11811854000	1085391372000	2199475664000	
system.l2cache.overall_accesses::total	214599	10659492	21109089	
system.l2cache.overall_mshr_miss_latency::total	9619774000	873441852000 (90.8x)	1778150604000 (184.84x)	
system.l2cache.overall_mshr_miss_rate::total	0.510739	0.994182	0.997971	
system.l2cache.overall_mshr_misses::total	109604	10597476 (96.7x)	21066253 (192.2x)	
system.l2cache.replacements	225292	10712932 (47.55x)	42010211 (186.47x)	
system.l2cache.tags.data_accesses	3622012	181227940	379718771	

system.l2cache.tags.occ_blocks:: .writebacks	1993.404963	13.958713	2032.824470	
system.l2cache.tags.occ_blocks::cpu0 .inst	32.104167	0.328759	0.272796	
system.l2cache.tags.occ_blocks::cpu0 .data	500.381317	6.073064	5.398955	
system.l2cache.tags.occ_blocks::cpu1 .inst	33.472365	0.348942	0.266972	
system.l2cache.tags.occ_blocks::cpu1 .data	477.579671	6.257412	5.314279	
system.l2cache.tags.occ_blocks::cpu2 .inst	32.628190	0.328703	0.241992	
system.l2cache.tags.occ_blocks::cpu2 .data	502.042543	5.727810	1024.941561	
system.l2cache.tags.occ_blocks::cpu3 .inst	34.596080	0.261752	0.231693	
system.l2cache.tags.occ_blocks::cpu3 .data	473.164620	4062.458915	1026.254064	
system.l2cache.tags.occ_percent::cpu 0.inst	0.007838	0.000080	0.000067	
system.l2cache.tags.occ_percent::cpu 0.data	0.122163	0.001483	0.001318	
system.l2cache.tags.occ_percent::cpu 1.inst	0.008172	0.000085	0.000065	
system.l2cache.tags.occ_percent::cpu 1.data	0.116597	0.001528	0.001297	
system.l2cache.tags.occ_percent::cpu 2.inst	0.007966	0.000080	0.000059	
system.l2cache.tags.occ_percent::cpu 2.data	0.122569	0.001398	0.250230	
system.l2cache.tags.occ_percent::cpu 3.inst	0.008446	0.000064	0.000057	
system.l2cache.tags.occ_percent::cpu 3.data	0.115519	0.991811	0.250550	
system.l2cache.tags.total_refs	391733	21280291 (54.32x)	42180546 (107.67x)	
system.l2cache.writebacks::total	53732	10539141 (196.14x)	21009772 (391x)	