

Program	Baseline r98296		-disable-post-ra		LLC compile	LLC
	LLC	LLC	LLC	LLC		
	compile	compile	compile	compile		
External/Povray/povray	8.3436	3.91	7.5705	3.74	-9.27%	-4.35%
External/SPEC/CFP2006/447.deall/447.deall	39.4372	20.81	35.9703	19.98	-8.79%	-3.99%
External/SPEC/CINT2000/164.gzip/164.gzip	0.6517	11.71	0.5970	11.16	-8.39%	-4.70%
External/SPEC/CINT2000/252.eon/252.eon	3.9888	0.33	3.5908	0.30	-9.98%	-9.09%
External/SPEC/CINT2000/254.gap/254.gap	7.7328	2.08	6.9990	1.99	-9.49%	-4.33%
External/SPEC/CINT2000/255.vortex/255.vortex	6.1292	2.97	5.3912	2.88	-12.04%	-3.03%
External/SPEC/CINT95/099.go/099.go	3.6945	0.32	3.3313	0.31	-9.83%	-3.13%
MultiSource/Applications/hexxagon/hexxagon	0.3212	13.30	0.2924	12.62	-8.97%	-5.11%
MultiSource/Applications/JM/ldecod/ldecod	3.8049	0.19	3.4812	0.18	-8.51%	-5.26%
MultiSource/Applications/lambda-0.1.3/lambda	0.5511	5.22	0.4923	4.92	-10.67%	-5.75%
MultiSource/Applications/minisat/minisat	0.3331	8.10	0.3024	7.77	-9.22%	-4.07%
MultiSource/Applications/siod/siod	1.9121	3.63	1.6902	3.46	-11.61%	-4.68%
MultiSource/Benchmarks/BitBench/uuencode/uuencode	0.0228	0.02	0.0198	0.03	-13.16%	50.00%
MultiSource/Benchmarks/FreeBench/mason/mason	0.0297	0.24	0.0268	0.23	-9.76%	-4.17%
MultiSource/Benchmarks/MallocBench/cfrac/cfrac	0.3726	2.33	0.3347	2.26	-10.17%	-3.00%
MultiSource/Benchmarks/McCat/01-qbsort/qbsort	0.0285	0.07	0.0256	0.06	-10.18%	-14.29%
MultiSource/Benchmarks/McCat/12-IOTest/iotest	0.0359	0.34	0.0308	0.30	-14.21%	-11.76%
MultiSource/Benchmarks/MiBench/consumer-typeset/consumer-typeset	8.6788	0.22	7.3727	0.21	-15.05%	-4.55%
MultiSource/Benchmarks/MiBench/telecomm-gsm/telecomm-gsm	0.4377	0.20	0.3845	0.19	-12.15%	-5.00%
MultiSource/Benchmarks/OptimizerEval/optimizer-eval	0.9578	0.02	0.8706	0.01	-9.10%	-50.00%
MultiSource/Benchmarks/Prolangs-C/unix-smail/unix-smail	0.3332	0.31	0.3030	0.29	-9.06%	-6.45%
MultiSource/Benchmarks/Prolangs-C++/primes/primes	0.0080	0.38	0.0070	0.35	-12.50%	-7.89%
MultiSource/Benchmarks/Ptrdist/anagram/anagram	0.0674	1.26	0.0622	1.14	-7.72%	-9.52%
MultiSource/Benchmarks/Ptrdist/yacr2/yacr2	0.5456	0.90	0.5070	1.06	-7.07%	17.78%
MultiSource/Benchmarks/Trimaran/enc-pc1/enc-pc1	0.0401	1.49	0.0343	1.61	-14.46%	8.05%
MultiSource/Benchmarks/Trimaran/netbench-url/netbench-url	0.0687	3.32	0.0627	3.43	-8.73%	3.31%
MultiSource/Benchmarks/VersaBench/beamformer/beamformer	0.0687	1.54	0.0648	1.65	-5.68%	7.14%
MultiSource/Benchmarks/VersaBench/dbms/dbms	0.2259	1.51	0.2004	1.46	-11.29%	-3.31%
MultiSource/Benchmarks/VersaBench/ecbdes/ecbdes	0.0684	2.97	0.0582	2.82	-14.91%	-5.05%
SingleSource/Benchmarks/BenchmarkGame/n-body	0.0322	1.39	0.0300	1.34	-6.83%	-3.60%
SingleSource/Benchmarks/BenchmarkGame/partialsums	0.0103	0.59	0.0092	0.63	-10.68%	6.78%
SingleSource/Benchmarks/BenchmarkGame/recursive	0.0242	0.92	0.0215	0.81	-11.16%	-11.96%
SingleSource/Benchmarks/CoyoteBench/fftbench	0.0910	1.12	0.0836	1.16	-8.13%	3.57%
SingleSource/Benchmarks/CoyoteBench/huffbench	0.0479	20.65	0.0455	18.81	-5.01%	-8.91%
SingleSource/Benchmarks/Dhrystone/dry	0.0227	2.53	0.0202	2.72	-11.01%	7.51%
SingleSource/Benchmarks/Dhrystone/fldry	0.0227	2.25	0.0203	2.18	-10.57%	-3.11%
SingleSource/Benchmarks/McGill/queens	0.0238	2.52	0.0214	2.72	-10.08%	7.94%
SingleSource/Benchmarks/Misc-C++/ray	0.0586	3.44	0.0522	3.26	-10.92%	-5.23%
SingleSource/Benchmarks/Misc/flops-6	0.0074	1.89	0.0065	1.82	-12.16%	-3.70%
SingleSource/Benchmarks/Misc/mandel-2	0.0096	0.90	0.0088	0.84	-8.33%	-6.67%
SingleSource/Benchmarks/Misc/ourafft	0.1354	6.13	0.1256	6.34	-7.24%	3.43%
SingleSource/Benchmarks/Misc/salsa20	0.0159	9.20	0.0145	9.72	-8.81%	5.65%
SingleSource/Benchmarks/Shootout-C++/ackermann	0.0107	1.24	0.0096	1.02	-10.28%	-17.74%
SingleSource/Benchmarks/Shootout-C++/ary2	0.0214	0.10	0.0198	0.09	-7.48%	-10.00%
SingleSource/Benchmarks/Shootout-C++/fibonacci	0.0104	0.39	0.0093	0.35	-10.58%	-10.26%
SingleSource/Benchmarks/Shootout-C++/methcall	0.0145	5.61	0.0130	5.42	-10.34%	-3.39%
SingleSource/Benchmarks/Shootout-C++/moments	0.0434	0.17	0.0388	0.16	-10.60%	-5.88%
SingleSource/Benchmarks/Shootout-C++/nestedloop	0.0082	0.18	0.0075	0.16	-8.54%	-11.11%
SingleSource/Benchmarks/Shootout/fib2	0.0087	0.32	0.0079	0.35	-9.20%	9.38%
SingleSource/Benchmarks/Shootout/nestedloop	0.0066	0.17	0.0061	0.18	-7.58%	5.88%
SingleSource/Benchmarks/Shootout/strcat	0.0076	0.28	0.0068	0.29	-10.53%	3.57%
SingleSource/Benchmarks/Stanford/Towers	0.0289	0.02	0.0267	0.01	-7.61%	-50.00%
SingleSource/UnitTests/Vector/multiplies	0.0131	1.31	0.0124	1.38	-5.34%	5.34%