

SPEC CPU 2017 Runs

--size=ref --noreportable as 600.perlbench\_s crashes for test.

finalized...

Results Benchmark	Reference Run		Reference Run		Reference Run		v1.3.1 (523411b3)			v1.3.1 (523411b3) --optimize=no-fusion			v1.3.1 (523411b3) --optimize=no-ras			v1.3.1 (523411b3) --optimize=no-jump-no-ras			v1.3.1 (523411b3) --optimize=none			Results Benchmark
	Native		rv8		QEMU		DBT		DBT:QEMU*	DBT		DBT:QEMU*	DBT		DBT:QEMU*	DBT		DBT:QEMU*	DBT		DBT:QEMU*	
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Factor	Seconds	Ratio	Factor	Seconds	Ratio	Factor	Seconds	Ratio	Factor	Seconds	Ratio	Factor	
600.perlbench_s	654,00	2,71	-	-	3090,00	0,574	2028,00	0,88	0,66	2108,00	0,84	0,68	2560,00	0,69	0,83	2643,00	0,67	0,86	14840,00	0,12	4,80	600.perlbench_s
602.gcc_s	953,00	4,18	-	-	3379,00	1,18	1784,00	2,23	0,53	1800,00	2,21	0,53	2383,00	1,67	0,71	2765,00	1,44	0,82	14072,00	0,28	4,16	602.gcc_s
605.mcf_s	1409,00	3,35	-	-	3225,00	1,46	2484,00	1,90	0,77	2532,00	1,86	0,79	3061,00	1,54	0,95	3039,00	1,55	0,94	9127,00	0,52	2,83	605.mcf_s
620.omnetpp_s	779,00	2,09	-	-	2604,00	0,626	1640,00	0,99	0,63	1679,00	0,97	0,64	2396,00	0,68	0,92	2666,00	0,61	1,02	8557,00	0,19	3,29	620.omnetpp_s
623.xalancbmk_s	533,00	2,66	-	-	1651,00	0,858	964,00	1,47	0,58	988,00	1,43	0,60	1399,00	1,01	0,85	1532,00	0,93	0,93	7382,00	0,19	4,47	623.xalancbmk_s
625.x264_s	554,00	3,19	-	-	2926,00	0,603	2739,00	0,64	0,94	2744,00	0,64	0,94	2906,00	0,61	0,99	2907,00	0,61	0,99	6750,00	0,26	2,31	625.x264_s
631.deepsjeng_s	773,00	1,85	-	-	2443,00	0,587	1494,00	0,96	0,61	1503,00	0,95	0,62	2337,00	0,61	0,96	2329,00	0,62	0,95	11064,00	0,13	4,53	631.deepsjeng_s
641.leela_s	1045,00	1,63	-	-	3176,00	0,537	1871,00	0,91	0,59	1881,00	0,91	0,59	2796,00	0,61	0,88	2824,00	0,60	0,89	10375,00	0,16	3,27	641.leela_s
648.exchange2_s	780,00	3,77	2171,00	1,35	2214,00	1,33	1450,00	2,03	0,65	1444,00	2,04	0,65	1455,00	2,02	0,66	1457,00	2,02	0,66			0,00	648.exchange2_s
657.xz_s	4665,00	1,33	-	-	8919,00	0,693	7365,00	0,84	0,83	7488,00	0,83	0,84	7620,00	0,81	0,85	7654,00	0,81	0,86			0,00	657.xz_s
Base Score		Base Score		Base Score		Base Score		Factor		Base Score		Factor	Base Score		Factor	Base Score		Factor	Average Ratio		Factor	
2,52		1,35		0,7887		1,18		0,6684		1,16		0,6799	0,9251		0,8526	0,8902		0,8860	0,23		3,6375	
Factor to optimized		Factor to optimized		Factor to optimized		Factor to optimized				Factor to optimized			Factor to optimized			Factor to optimized			Factor to optimized			
1,00		1,00		1,00		1,00				1,02			1,28			1,33			5,53			

Seconds: Runtime of benchmarks. Lower is better  
Ratio: Time on reference system / time on SUT. Higher is better  
Base Score: SPECspeed2017\_int\_base metric. Higher is better  
v1.2.1-7 (fc8dd76): Translator version. <last git version tag>-<no. of commits between HEAD & last tag> (latest commit hash)  
DBT:QEMU ratios\*: Ratio between QEMU and DBT, so that lower is better.  
Indicates how many times slower DBT is to QEMU.  
\*\*: Not accurate, as the 625.x264\_s data is from a separate run