

# SPEC CPU 2017 Runs

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

	Reference Run		v1.2.1-7 (fc8ddf76)			v1.2.2-0 (c17b9bc9)			v1.2.2-12 (b904a345)			
Results	QEMU		DBT		DBT:QEMU*	DBT		DBT:QEMU*	DBT		DBT:QEMU*	Results
Benchmark	Seconds	Ratio	Seconds	Ratio	Factor	Seconds	Ratio	Factor	Seconds	Ratio	Factor	Benchmark
600.perlbench_s	3061,00	0,58	10930,00	0,16	3,57	12673,00	0,14	4,14	10971,00	0,16	3,58	600.perlbench_s
602.gcc_s	3390,00	1,17	9301,00	0,43	2,74	10375,00	0,38	3,06	8693,00	0,46	2,56	602.gcc_s
605.mcf_s	3182,00	1,48	3654,00	1,29	1,15	4774,00	0,99	1,50	3558,00	1,33	1,12	605.mcf_s
620.omnetpp_s	2576,00	0,633	8210,00	0,20	3,19	10257,00	0,16	3,98	7892,00	0,21	3,06	620.omnetpp_s
623.xalancbmk_s	1711,00	0,828	4563,00	0,31	2,67	5285,00	0,27	3,09	4313,00	0,33	2,52	623.xalancbmk_s
625.x264_s	2921,00	0,604	4333,00	0,41	1,48	4305,00	0,41	1,47	4009,00	0,44	1,37	625.x264_s
631.deepsjeng_s	2459,00	0,583	10330,00	0,14	4,20	10327,00	0,14	4,20	10089,00	0,14	4,10	631.deepsjeng_s
641.leela_s	3171,00	0,538	7517,00	0,23	2,37	6737,00	0,25	2,12	6716,00	0,25	2,12	641.leela_s
648.exchange2_s	2213,00	1,33	4891,00	0,60	2,21	4807,00	0,61	2,17	4849,00	0,61	2,19	648.exchange2_s
657.xz_s	8915,00	0,693	12625,00	0,49	1,42	13272,00	0,47	1,49	12543,00	0,49	1,41	657.xz_s
	Base Score		Base Score**		Factor	Base Score		Factor	Base Score		Factor	
	0,7881		0,3337		2,3617	0,3139		2,5107	0,3549		2,2206	

**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 (fc8ddf76):** 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