

SPEC CPU 2017 fpspeed runs

*: Score may not be accurate, as it is missing the data from 621.wrf_s and 638.imagick_s

Results Benchmark	Reference Run		Reference Run			v1.3.1 (523411b3)				Results Benchmark
	Native		QEMU			DBT		DBT:Native	DBT:QEMU	
	Seconds	Ratio	Seconds	Ratio	to Native	Seconds	Ratio	Factor	Factor	
603.bwaves_s	12668,00	4,66	69387,00	0,850	5,48	8700,00	6,78	0,69	0,13	603.bwaves_s
607.cactuBSSN_s	4638,00	3,59	122557,00	0,136	26,42	14065,00	1,19	3,03	0,11	607.cactuBSSN_s
619.lbm_s	1976,00	2,65	23153,00	0,226	11,72	3301,00	1,59	1,67	0,14	619.lbm_s
621.wrf_s	5083,00	2,6								621.wrf_s
627.cam4_s	4906,00	1,81	57031,00	0,155	11,62	10114,00	0,88	2,06	0,18	627.cam4_s
628.pop2_s	5845,00	2,03	90912,00	0,131	15,55	11219,00	1,06	1,92	0,12	628.pop2_s
638.imagick_s	12730,00	1,13	525498,00	0,028	41,28					638.imagick_s
644.nab_s	4983,00	3,51	58961,00	0,296	11,83	14525,00	1,20	2,91	0,25	644.nab_s
649.fotonik3d_s	1888,00	4,83	46210,00	0,197	24,48	4544,00	2,01	2,41	0,10	649.fotonik3d_s
654.roms_s	6727,00	2,34	96899,00	0,162	14,40	10432,00	1,51	1,55	0,11	654.roms_s
Base Score			Base Score			Base Score*		Factor		
2,68			0,173			1,60		0,1081		

Note:

621.wrf_s does not compile for RISC-V.

638.imagick_s fails with a miscompare for v1.3.1