













CINT2000 Result

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SPECint2000 = 2564
SPECint_base2000 = 2394

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 07, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.7	1635	79.4	1763	
175.vpr	1400	66.9	2094	62.0	2259	
176.gcc	1100	36.3	3030	35.2	3122	
181.mcf	1800	70.0	2570	74.7	2410	
186.crafty	1000	33.4	2994	32.6	3068	
197.parser	1800	116	1555	106	1694	
252.eon	1300	44.3	2935	35.4	3672	
253.perlbmk	1800	79.5	2264	89.0	2022	
254.gap	1100	43.6	2524	44.5	2472	
255.vortex	1900	66.7	2849	47.4	4011	
256.bzip2	1500	67.9	2208	59.4	2525	
300.twolf	3000	111	2709	108	2788	

Hardware

CPU: POWER7 (architected), altivec supported
CPU MHz: 3550.000000MHz
FPU: Integrated
CPU(s) enabled: 12
CPU(s) orderable:
Parallel: No
Primary Cache:
Secondary Cache:
L3 Cache:
Other Cache:
Memory: 13055488 kB
Disk Subsystem:
Other Hardware:

Software

Operating System: Linux 3.10.0-229.el7.ppc64
Compiler: gcc version 9.0.0 20190107 (experimental) (GCC)
File System:
System State: multiuser

Notes/Tuning Information

Base flags: -O2
Peak flags: -Ofast -flto -mtune=power7 -mcpu=power7
To compile and execute gcc correctly the following extra flag
is used for compilation: -fno-strict-aliasing
To compile and execute eon correctly the following extra flag
is used for compilation: -ffast-math
-Wno-deprecated -Wno-non-template-friend

Errors

'reportable' flag not set during run