

CINT2000 Result

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SPECint2000 = 2568
SPECint_base2000 = 2389

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 08, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.7	1634	79.4	1764	
175.vpr	1400	66.9	2093	61.8	2265	
176.gcc	1100	35.7	3078	34.5	3193	
181.mcf	1800	72.7	2474	75.0	2399	
186.crafty	1000	33.4	2992	32.6	3064	
197.parser	1800	116	1554	106	1692	
252.eon	1300	44.5	2918	35.4	3674	
253.perlbmk	1800	80.0	2251	89.2	2019	
254.gap	1100	43.5	2528	44.6	2469	
255.vortex	1900	66.7	2850	47.3	4014	
256.bzip2	1500	67.6	2219	59.4	2526	
300.twolf	3000	110	2721	107	2796	

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 20190108 (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