

CINT2000 Result

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SPECint2000 = 2571
SPECint_base2000 = 2399

SPEC license #00407 Tested by: Vladimir Makarov Test date: Jan 01, 2019 Hardware Avail: Now Software Avail: Now

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.6	1635	79.4	1763	
175.vpr	1400	66.8	2095	62.3	2247	
176.gcc	1100	35.7	3082	35.4	3106	
181.mcf	1800	69.1	2605	71.7	2510	
186.crafty	1000	33.4	2997	32.8	3052	
197.parser	1800	116	1556	106	1702	
252.eon	1300	44.8	2899	35.6	3653	
253.perlbmk	1800	80.3	2242	87.9	2047	
254.gap	1100	43.5	2527	44.7	2459	
255.vortex	1900	66.2	2870	46.8	4056	
256.bzip2	1500	68.2	2200	60.3	2489	
300.twolf	3000	110	2734	107	2797	

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 20190101 (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