

CINT2000 Result

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SPECint2000 = 2707
SPECint_base2000 = 2630

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 27, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip | 1400 | 84.9 | 1648 | 82.6 | 1696 | |
| 175.vpr | 1400 | 66.4 | 2107 | 63.6 | 2201 | |
| 176.gcc | 1100 | 32.4 | 3392 | 31.4 | 3500 | |
| 181.mcf | 1800 | 34.7 | 5190 | 35.1 | 5132 | |
| 186.crafty | 1000 | 38.3 | 2614 | 37.9 | 2637 | |
| 197.parser | 1800 | 101 | 1788 | 91.0 | 1979 | |
| 252.eon | 1300 | 47.1 | 2760 | 45.5 | 2855 | |
| 253.perlbmk | 1800 | 82.1 | 2193 | 83.6 | 2153 | |
| 254.gap | 1100 | 39.5 | 2788 | 38.1 | 2887 | |
| 255.vortex | 1900 | 56.6 | 3358 | 54.8 | 3468 | |
| 256.bzip2 | 1500 | 65.4 | 2293 | 61.8 | 2428 | |
| 300.twolf | 3000 | 102 | 2946 | 101 | 2960 | |

Hardware

CPU:
CPU MHz:
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 20181227 (experimental) (GCC)
File System:
System State: multiuser

Notes/Tuning Information

Base flags: -O2 -m32 -mtune=power7
Peak flags: -O3 -m32 -mtune=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