













CINT2000 Result

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SPECint2000 = 2581
SPECint_base2000 = 2380

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 18, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip | 1400 | 85.6 | 1635 | 79.4 | 1764 |  |
| 175.vpr | 1400 | 67.1 | 2088 | 62.2 | 2251 |  |
| 176.gcc | 1100 | 35.5 | 3101 | 35.2 | 3126 |  |
| 181.mcf | 1800 | 74.6 | 2414 | 71.1 | 2530 |  |
| 186.crafty | 1000 | 33.4 | 2992 | 32.8 | 3047 |  |
| 197.parser | 1800 | 116 | 1557 | 106 | 1703 |  |
| 252.eon | 1300 | 44.9 | 2896 | 35.2 | 3688 |  |
| 253.perlbmk | 1800 | 79.7 | 2260 | 88.5 | 2033 |  |
| 254.gap | 1100 | 45.3 | 2429 | 43.3 | 2542 |  |
| 255.vortex | 1900 | 65.3 | 2909 | 47.0 | 4039 |  |
| 256.bzip2 | 1500 | 68.1 | 2202 | 60.2 | 2492 |  |
| 300.twolf | 3000 | 110 | 2727 | 107 | 2791 |  |

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 20181218 (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