













CINT2000 Result

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SPECint2000 = 2702
SPECint_base2000 = 2632

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 | 85.0 | 1647 | 82.6 | 1695 |  |
| 175.vpr | 1400 | 66.4 | 2108 | 66.0 | 2120 |  |
| 176.gcc | 1100 | 32.0 | 3439 | 31.3 | 3514 |  |
| 181.mcf | 1800 | 34.7 | 5182 | 35.0 | 5140 |  |
| 186.crafty | 1000 | 38.2 | 2615 | 37.9 | 2640 |  |
| 197.parser | 1800 | 100 | 1793 | 90.8 | 1981 |  |
| 252.eon | 1300 | 47.4 | 2743 | 45.8 | 2839 |  |
| 253.perlbmk | 1800 | 82.2 | 2190 | 82.0 | 2194 |  |
| 254.gap | 1100 | 39.2 | 2804 | 39.4 | 2792 |  |
| 255.vortex | 1900 | 56.6 | 3356 | 53.5 | 3548 |  |
| 256.bzip2 | 1500 | 65.4 | 2292 | 61.8 | 2429 |  |
| 300.twolf | 3000 | 102 | 2935 | 101 | 2973 |  |

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 20190108 (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