

CFP2000 Result

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SPECfp2000 = 4006

SPECfp_base2000 = 3214

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 31, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|--------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 54.7 | 2924 | 33.5 | 4770 | |
| 171.swim | 3100 | 52.4 | 5914 | 50.3 | 6169 | |
| 172.mgrid | 1800 | 116 | 1549 | 49.2 | 3658 | |
| 173.applu | 2100 | 101 | 2073 | 75.9 | 2768 | |
| 177.mesa | 1400 | 63.9 | 2190 | 58.0 | 2416 | |
| 178.galgel | 2900 | 48.6 | 5968 | 36.5 | 7954 | |
| 179.art | 2600 | 39.7 | 6552 | 43.3 | 6008 | |
| 183.quake | 1300 | 34.7 | 3744 | 26.1 | 4977 | |
| 187.facerec | 1900 | 48.4 | 3924 | 38.0 | 5007 | |
| 188.ampp | 2200 | 84.2 | 2611 | 83.2 | 2643 | |
| 189.lucas | 2000 | 31.3 | 6393 | 25.7 | 7789 | |
| 191.fma3d | 2100 | 68.2 | 3081 | 61.4 | 3420 | |
| 200.sixtrack | 1100 | 74.5 | 1477 | 71.0 | 1549 | |
| 301.apsi | 2600 | 110 | 2368 | 88.6 | 2933 | |

Hardware

CPU: POWER7 (architected), altivec supported
 CPU MHz: 3550.000000MHz
 FPU: Integrated
 CPU(s) enabled: 12
 CPU(s) orderable: No
 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 20181231 (experimental) (GCC)
 File System:
 System State: multiuser

Notes/Tuning Information

Base flags: -O2
 Peak flags: -Ofast -flto -mtune=power7 -mcpu=power7

Errors

'reportable' flag not set during run