

CFP2000 Result

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SPECfp2000 = 4054

SPECfp_base2000 = 3198

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 26, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|--------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 54.9 | 2916 | 33.4 | 4785 | |
| 171.swim | 3100 | 52.5 | 5906 | 50.7 | 6112 | |
| 172.mgrid | 1800 | 116 | 1549 | 49.1 | 3663 | |
| 173.applu | 2100 | 102 | 2064 | 75.8 | 2770 | |
| 177.mesa | 1400 | 64.0 | 2189 | 58.1 | 2409 | |
| 178.galgel | 2900 | 48.5 | 5979 | 36.4 | 7961 | |
| 179.art | 2600 | 42.2 | 6162 | 36.1 | 7208 | |
| 183.earth | 1300 | 34.8 | 3739 | 26.1 | 4972 | |
| 187.facerec | 1900 | 48.7 | 3904 | 37.9 | 5007 | |
| 188.amp | 2200 | 84.0 | 2619 | 83.7 | 2630 | |
| 189.lucas | 2000 | 31.3 | 6397 | 25.7 | 7791 | |
| 191.fma3d | 2100 | 68.3 | 3076 | 61.3 | 3426 | |
| 200.sixtrack | 1100 | 74.5 | 1477 | 71.3 | 1543 | |
| 301.apsi | 2600 | 110 | 2367 | 88.7 | 2930 | |

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 20181226 (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