

CFP2000 Result

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SPECfp2000 = 4043

SPECfp_base2000 = 3218

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 14, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | 2000 | 4000 | 6000 | 8000 |
|--------------|----------------|--------------|------------|---------|-------|------|------|------|------|
| 168.wupwise | 1600 | 54.7 | 2923 | 33.5 | 4777 | | | | |
| 171.swim | 3100 | 52.5 | 5909 | 49.9 | 6215 | | | | |
| 172.mgrid | 1800 | 116 | 1549 | 49.0 | 3670 | | | | |
| 173.aplu | 2100 | 102 | 2062 | 75.8 | 2770 | | | | |
| 177.mesa | 1400 | 63.4 | 2208 | 58.7 | 2383 | | | | |
| 178.galgel | 2900 | 48.5 | 5979 | 36.4 | 7977 | | | | |
| 179.art | 2600 | 39.5 | 6587 | 38.0 | 6848 | | | | |
| 183.earth | 1300 | 34.8 | 3740 | 26.2 | 4964 | | | | |
| 187.facerec | 1900 | 48.6 | 3912 | 38.3 | 4959 | | | | |
| 188.amp | 2200 | 84.3 | 2611 | 82.9 | 2654 | | | | |
| 189.lucas | 2000 | 31.0 | 6444 | 25.6 | 7806 | | | | |
| 191.fma3d | 2100 | 68.1 | 3086 | 61.3 | 3426 | | | | |
| 200.sixtrack | 1100 | 74.5 | 1477 | 70.9 | 1551 | | | | |
| 301.apsi | 2600 | 110 | 2367 | 88.7 | 2931 | | | | |

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 20181214 (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