

CFP2000 Result

Copyright ©1999-2000, Standard Performance Evaluation Corporation

SPECfp2000 = 3965

SPECfp_base2000 = 3205

SPEC license #00407 Tested by: Vladimir Makarov Test date: Dec 16, 2018 Hardware Avail: Now Software Avail: Now

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|--------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 54.8 | 2921 | 33.4 | 4789 | |
| 171.swim | 3100 | 52.2 | 5934 | 50.5 | 6133 | |
| 172.mgrid | 1800 | 116 | 1549 | 49.0 | 3672 | |
| 173.aplu | 2100 | 101 | 2069 | 75.8 | 2771 | |
| 177.mesa | 1400 | 63.6 | 2200 | 58.7 | 2384 | |
| 178.galgel | 2900 | 48.5 | 5977 | 36.4 | 7968 | |
| 179.art | 2600 | 41.9 | 6201 | 49.0 | 5309 | |
| 183.quake | 1300 | 34.8 | 3739 | 26.2 | 4954 | |
| 187.facerec | 1900 | 48.5 | 3920 | 38.3 | 4956 | |
| 188.amp | 2200 | 84.2 | 2613 | 82.7 | 2659 | |
| 189.lucas | 2000 | 31.0 | 6443 | 25.7 | 7771 | |
| 191.fma3d | 2100 | 67.9 | 3091 | 61.3 | 3423 | |
| 200.sixtrack | 1100 | 74.5 | 1477 | 71.0 | 1550 | |
| 301.apsi | 2600 | 110 | 2365 | 88.8 | 2929 | |

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 20181216 (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