



CFP2000 Result

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Acer Incorporated

Acer Altos R520 (2.66 GHz Intel Xeon Processor 5150)

SPECfp_rate2000 = 77.5

SPECfp_rate_base2000 = 77.5

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Jul-2006 | Hardware Avail: Nov-2006 | Software Avail: Mar-2006

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise | 4 | 67.6 | 110 | 4 | 67.6 | 110 |
| 171.swim | 4 | 267 | 53.8 | 4 | 267 | 53.8 |
| 172.mgrid | 4 | 172 | 48.6 | 4 | 172 | 48.6 |
| 173.applu | 4 | 184 | 53.0 | 4 | 184 | 53.0 |
| 177.mesa | 4 | 53.2 | 122 | 4 | 53.2 | 122 |
| 178.galgel | 4 | 65.0 | 207 | 4 | 65.0 | 207 |
| 179.art | 4 | 54.6 | 221 | 4 | 54.6 | 221 |
| 183.equake | 4 | 128 | 47.1 | 4 | 128 | 47.1 |
| 187.facerec | 4 | 90.8 | 97.0 | 4 | 90.8 | 97.0 |
| 188.amp | 4 | 128 | 79.8 | 4 | 128 | 79.8 |
| 189.lucas | 4 | 172 | 53.8 | 4 | 172 | 53.8 |
| 191.fma3d | 4 | 166 | 58.7 | 4 | 166 | 58.7 |
| 200.sixtrack | 4 | 110 | 46.4 | 4 | 110 | 46.4 |
| 301.apsi | 4 | 194 | 62.2 | 4 | 194 | 62.2 |

Hardware

CPU: Intel Xeon Processor 5150 (2.66 GHz, 4MB L2, 1333MHz system bus)
 CPU MHz: 2666
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip (per chip), shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 2048MB ECC FB-DIMM DDR2-667
 Disk Subsystem: 1 x 73GB 10000RPM SAS HDD
 Other Hardware:

Software

Operating System: Red Hat Enterprise Linux 4 Advanced Server Update 3 EM64T
 Compiler: Intel C++ 9.1 for EM64T build 20060323 and Fortran Compiler 9.1 for EM64T build 20060323
 File System: ext3
 System State: Runlevel 3

Notes/Tuning Information

GENERAL

ONESTEP=yes for all benchmarks
 +FDO : PASS1= -prof_gen PASS2= -prof_use

PORTABILITY FLAGS

-DSPEC_CPU2000_LP64 applied to all benchmarks
 178.galgel: -FI for fixed-format Fortran

BASE TUNING

Baseline optimizations for C and Fortran: -fast +FDO

PEAK TUNING

basepeak=yes set for all benchmarks

This result was measured on the Acer Alto R720.
 The Altos R520 and Altos R720 are electronically equivalent.