



CFP2000 Result

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Acer Incorporated
Acer Altos R720 (2.33 GHz Intel Xeon Processor 5140)

SPECfp_rate2000 = 41.6
SPECfp_rate_base2000 = 41.6

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	56.3	65.9	2	56.3	65.9
171.swim	2	211	34.1	2	211	34.1
172.mgrid	2	140	29.9	2	140	29.9
173.applu	2	150	32.5	2	150	32.5
177.mesa	2	59.6	54.5	2	59.6	54.5
178.galgel	2	68.0	98.9	2	68.0	98.9
179.art	2	51.5	117	2	51.5	117
183.equake	2	98.7	30.6	2	98.7	30.6
187.facerec	2	90.7	48.6	2	90.7	48.6
188.amp	2	140	36.5	2	140	36.5
189.lucas	2	149	31.1	2	149	31.1
191.fma3d	2	153	31.9	2	153	31.9
200.sixtrack	2	125	20.4	2	125	20.4
301.apsi	2	197	30.7	2	197	30.7

Hardware

CPU: Intel Xeon Processor 5140 (2.33 GHz, 4MB L2, 1333MHz system bus)
 CPU MHz: 2333
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 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