



CFP2000 Result

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Acer Incorporated
Acer Altos G540 (2.33 GHz Intel Xeon Processor 5140)

SPECfp_rate2000 = 41.9
SPECfp_rate_base2000 = 41.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	54.6	68.0	2	54.6	68.0
171.swim	2	219	32.9	2	219	32.9
172.mgrid	2	154	27.1	2	154	27.1
173.applu	2	167	29.1	2	167	29.1
177.mesa	2	56.8	57.2	2	56.8	57.2
178.galgel	2	67.9	99.1	2	67.9	99.1
179.art	2	48.4	125	2	48.4	125
183.equake	2	102	29.6	2	102	29.6
187.facerec	2	84.2	52.3	2	84.2	52.3
188.amp	2	140	36.6	2	140	36.6
189.lucas	2	128	36.1	2	128	36.1
191.fma3d	2	146	33.3	2	146	33.3
200.sixtrack	2	125	20.4	2	125	20.4
301.apsi	2	202	29.8	2	202	29.8

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 chips
 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 1024MB 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