



CFP2000 Result

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Acer Incorporated
Acer Altos G540 (1.6 GHz Intel Xeon Processor 5110)

SPECfp_rate2000 = 33.2
SPECfp_rate_base2000 = 33.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	65.2	56.9	2	65.2	56.9
171.swim	2	242	29.8	2	242	29.8
172.mgrid	2	181	23.1	2	181	23.1
173.applu	2	199	24.4	2	199	24.4
177.mesa	2	82.3	39.5	2	82.3	39.5
178.galgel	2	92.8	72.5	2	92.8	72.5
179.art	2	61.7	97.7	2	61.7	97.7
183.equake	2	114	26.4	2	114	26.4
187.facerec	2	111	39.7	2	111	39.7
188.amp	2	195	26.2	2	195	26.2
189.lucas	2	149	31.2	2	149	31.2
191.fma3d	2	183	26.7	2	183	26.7
200.sixtrack	2	182	14.0	2	182	14.0
301.apsi	2	258	23.3	2	258	23.3

Hardware

CPU: Intel Xeon Processor 5110 (1.6 GHz, 4MB L2, 1066MHz system bus)
CPU MHz: 1600
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++ and Fortran Compilers, version 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