



CFP2000 Result

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Acer Incorporated
Acer Altos G540 (3.0 GHz Intel Xeon Processor 5160)

SPECfp_rate2000 = 46.0
SPECfp_rate_base2000 = 46.0

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	52.2	71.1	2	52.2	71.1
171.swim	2	219	32.9	2	219	32.9
172.mgrid	2	161	25.9	2	161	25.9
173.applu	2	165	29.5	2	165	29.5
177.mesa	2	44.7	72.6	2	44.7	72.6
178.galgel	2	57.0	118	2	57.0	118
179.art	2	43.6	138	2	43.6	138
183.equake	2	102	29.6	2	102	29.6
187.facerec	2	74.5	59.2	2	74.5	59.2
188.amp	2	112	45.4	2	112	45.4
189.lucas	2	123	37.6	2	123	37.6
191.fma3d	2	138	35.3	2	138	35.3
200.sixtrack	2	97.9	26.1	2	97.9	26.1
301.apsi	2	184	32.7	2	184	32.7

Hardware

CPU: Intel Xeon Processor 5160 (3.0 GHz, 4MB L2, 1333MHz system bus)
CPU MHz: 3000
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