



CFP2000 Result

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

SPECfp_rate2000 = 55.6
SPECfp_rate_base2000 = 55.6

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	4	88.8	83.6	4	88.8	83.6
171.swim	4	342	42.1	4	342	42.1
172.mgrid	4	222	37.7	4	222	37.7
173.applu	4	234	41.6	4	234	41.6
177.mesa	4	84.9	76.5	4	84.9	76.5
178.galgel	4	99.3	135	4	99.3	135
179.art	4	75.9	159	4	75.9	159
183.equake	4	167	36.1	4	167	36.1
187.facerec	4	127	69.2	4	127	69.2
188.amp	4	200	51.0	4	200	51.0
189.lucas	4	220	42.2	4	220	42.2
191.fma3d	4	224	43.5	4	224	43.5
200.sixtrack	4	183	27.9	4	183	27.9
301.apsi	4	263	45.9	4	263	45.9

Hardware

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