



CFP2000 Result

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Acer Incorporated
Acer Altos G540 (1.86 GHz Intel Xeon Processor 5120)

SPECfp_rate2000 = **58.9**
SPECfp_rate_base2000 = **58.9**

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	87.5	84.8	4	87.5	84.8
171.swim	4	341	42.2	4	341	42.2
172.mgrid	4	220	38.0	4	220	38.0
173.applu	4	233	41.9	4	233	41.9
177.mesa	4	74.3	87.5	4	74.3	87.5
178.galgel	4	89.5	150	4	89.5	150
179.art	4	72.7	166	4	72.7	166
183.equake	4	167	36.2	4	167	36.2
187.facerec	4	120	73.4	4	120	73.4
188.amp	4	178	57.4	4	178	57.4
189.lucas	4	219	42.4	4	219	42.4
191.fma3d	4	215	45.3	4	215	45.3
200.sixtrack	4	157	32.5	4	157	32.5
301.apsi	4	239	50.5	4	239	50.5

Hardware

CPU: Intel Xeon Processor 5120 (1.86 GHz, 4MB L2, 1066MHz system bus)
CPU MHz: 1860
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 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