



CFP2000 Result

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Acer Incorporated

Acer Altos G540 (3.0 GHz Intel Xeon Processor 5160)

SPECfp_rate2000 = 80.7

SPECfp_rate_base2000 = 80.7

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	67.0	111	4	67.0	111
171.swim	4	265	54.2	4	265	54.2
172.mgrid	4	171	48.8	4	171	48.8
173.applu	4	181	53.8	4	181	53.8
177.mesa	4	47.8	136	4	47.8	136
178.galgel	4	60.2	224	4	60.2	224
179.art	4	53.6	225	4	53.6	225
183.equake	4	129	46.8	4	129	46.8
187.facerec	4	88.2	100	4	88.2	100
188.amp	4	118	86.9	4	118	86.9
189.lucas	4	172	53.9	4	172	53.9
191.fma3d	4	159	61.2	4	159	61.2
200.sixtrack	4	98.1	52.0	4	98.1	52.0
301.apsi	4	182	66.2	4	182	66.2

Hardware

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