



CFP2000 Result

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Acer Incorporated
Acer Altos G540 (2.66 GHz Intel Xeon Processor 5150)

SPECfp_rate2000 = 77.2
SPECfp_rate_base2000 = 77.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	68.0	109	4	68.0	109
171.swim	4	267	53.9	4	267	53.9
172.mgrid	4	172	48.5	4	172	48.5
173.applu	4	183	53.2	4	183	53.2
177.mesa	4	53.1	122	4	53.1	122
178.galgel	4	65.5	206	4	65.5	206
179.art	4	55.9	216	4	55.9	216
183.equake	4	130	46.5	4	130	46.5
187.facerec	4	92.4	95.4	4	92.4	95.4
188.amp	4	128	79.5	4	128	79.5
189.lucas	4	174	53.3	4	174	53.3
191.fma3d	4	164	59.5	4	164	59.5
200.sixtrack	4	110	46.3	4	110	46.3
301.apsi	4	192	62.7	4	192	62.7

Hardware

CPU: Intel Xeon Processor 5150 (2.66 GHz, 4MB L2, 1333MHz system bus)
CPU MHz: 2666
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