



CFP2000 Result

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Acer Incorporated

Acer Altos G540 (2.0 GHz Intel Xeon Processor 5130)

SPECfp_rate2000 = 39.0

SPECfp_rate_base2000 = 39.0

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	2	56.6	65.5	2	56.6	65.5
171.swim	2	219	32.8	2	219	32.8
172.mgrid	2	158	26.5	2	158	26.5
173.applu	2	174	28.0	2	174	28.0
177.mesa	2	65.9	49.3	2	65.9	49.3
178.galgel	2	76.0	88.5	2	76.0	88.5
179.art	2	52.5	115	2	52.5	115
183.equake	2	103	29.2	2	103	29.2
187.facerec	2	92.2	47.8	2	92.2	47.8
188.amp	2	158	32.2	2	158	32.2
189.lucas	2	130	35.7	2	130	35.7
191.fma3d	2	156	31.1	2	156	31.1
200.sixtrack	2	146	17.5	2	146	17.5
301.apsi	2	221	27.3	2	221	27.3

Hardware

CPU: Intel Xeon Processor 5130 (2.0 GHz, 4MB L2, 1333MHz system bus)
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 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