



CFP2000 Result

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Acer Incorporated
Acer Altos R720 (1.86 GHz Intel Xeon Processor 5120)

SPECfp_rate2000 = 33.9
SPECfp_rate_base2000 = 33.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	69.1	53.7	2	69.1	53.7
171.swim	2	262	27.4	2	262	27.4
172.mgrid	2	174	24.0	2	174	24.0
173.applu	2	186	26.2	2	186	26.2
177.mesa	2	74.3	43.7	2	74.3	43.7
178.galgel	2	84.5	79.6	2	84.5	79.6
179.art	2	63.3	95.3	2	63.3	95.3
183.equake	2	119	25.3	2	119	25.3
187.facerec	2	110	39.9	2	110	39.9
188.amp	2	173	29.5	2	173	29.5
189.lucas	2	182	25.6	2	182	25.6
191.fma3d	2	190	25.7	2	190	25.7
200.sixtrack	2	156	16.3	2	156	16.3
301.apsi	2	228	26.4	2	228	26.4

Hardware

CPU: Intel Xeon Processor 5120 (1.86 GHz, 4MB L2, 1066MHz system bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 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++ 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