



CFP2000 Result

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Acer Incorporated
Acer Altos R720 (3.73 GHz Intel Xeon Processor 5080)

SPECfp_rate2000 = 37.6
SPECfp_rate_base2000 = 37.6

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: May-2006 | Hardware Avail: Jun-2006 | Software Avail: Dec-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	63.3	58.6	2	63.3	58.6
171.swim	2	214	33.6	2	214	33.6
172.mgrid	2	136	30.6	2	136	30.6
173.applu	2	163	29.8	2	163	29.8
177.mesa	2	72.9	44.6	2	72.9	44.6
178.galgel	2	89.6	75.1	2	89.6	75.1
179.art	2	54.7	110	2	54.7	110
183.quake	2	91.3	33.0	2	91.3	33.0
187.facerec	2	118	37.5	2	118	37.5
188.amp	2	165	31.0	2	165	31.0
189.lucas	2	159	29.3	2	159	29.3
191.fma3d	2	162	30.2	2	162	30.2
200.sixtrack	2	148	17.3	2	148	17.3
301.apsi	2	205	29.4	2	205	29.4

Hardware

CPU: Intel Xeon Processor 5080 (3.73 GHz, 2x2MB L2, 1066MHz system bus)
CPU MHz: 3733
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip per core
Secondary Cache: 2048KB(I+D) on chip per core
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 2048MB ECC FB-DIMM 667
Disk Subsystem: 1 x 73GB 10000RPM SAS HDD
Other Hardware:

Software

Operating System: Red Hat Enterprise Linux 4 Advanced Server Update 3 EM64T (Kernel 2.6.9-34.EL.smp)
Compiler: Intel C++ Compiler 9.0 Build 20051201 for EM64T
Intel Fortran Compiler 9.0 Build 20051201 for EM64T
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
Enable hardware prefetching and adjacent cache line prefetch BIOS setting