CFP2000 Result

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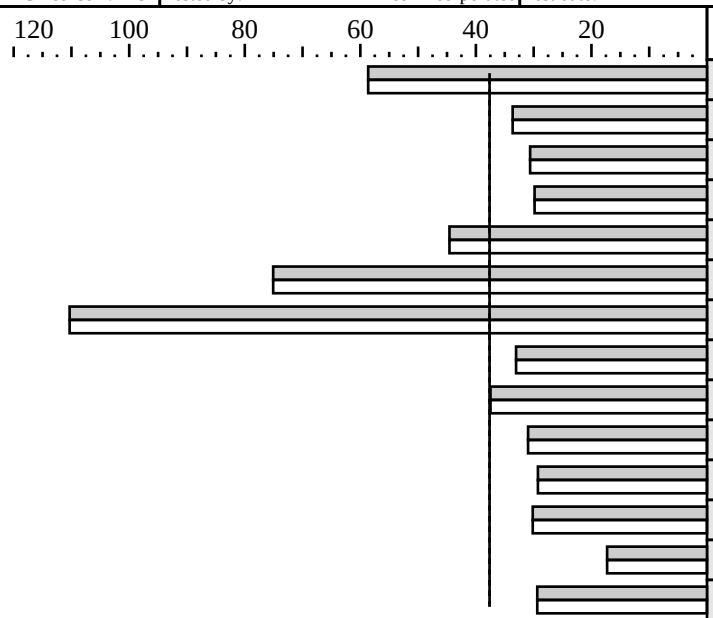
Acer Incorporated

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.equake	2	91.3	33.0	2	91.3	33.0
187.facerec	2	118	37.5	2	118	37.5
188.ammp	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.ELsmp)
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
```