CFP2000 Result

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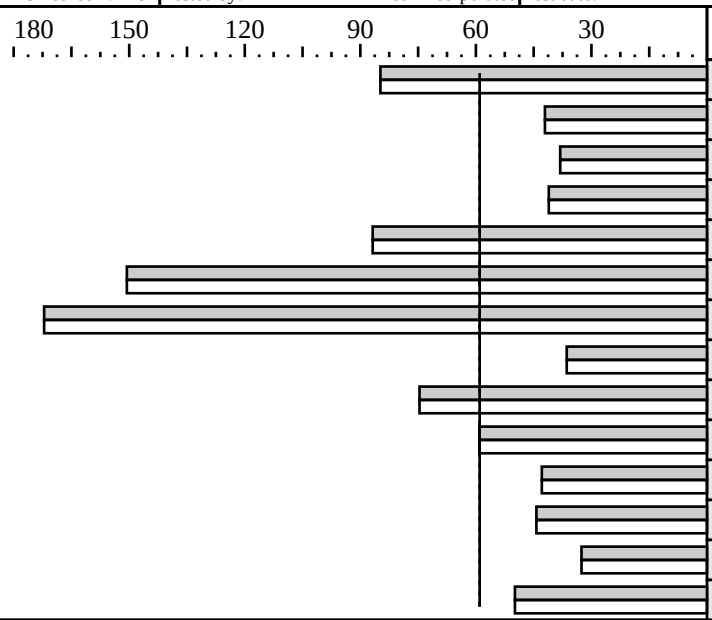
Acer Incorporated

Acer Altos R520 (1.86 GHz Intel Xeon Processor 5120)

SPECfp_rate2000 = 59.0

SPECfp_rate_base2000 = 59.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	87.6	84.8	4	87.6	84.8
171.swim	4	342	42.1	4	342	42.1
172.mgrid	4	219	38.1	4	219	38.1
173.applu	4	237	41.1	4	237	41.1
177.mesa	4	74.8	86.8	4	74.8	86.8
178.galgel	4	89.3	151	4	89.3	151
179.art	4	70.1	172	4	70.1	172
183.equake	4	166	36.4	4	166	36.4
187.facerec	4	118	74.6	4	118	74.6
188.ammp	4	173	59.1	4	173	59.1
189.lucas	4	216	42.9	4	216	42.9
191.fma3d	4	220	44.3	4	220	44.3
200.sixtrack	4	157	32.6	4	157	32.6
301.apsi	4	242	49.9	4	242	49.9

Hardware

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

This result was measured on the Acer Alto R720.
The Altos R520 and Altos R720 are electronically equivalent.
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