CFP2000 Result

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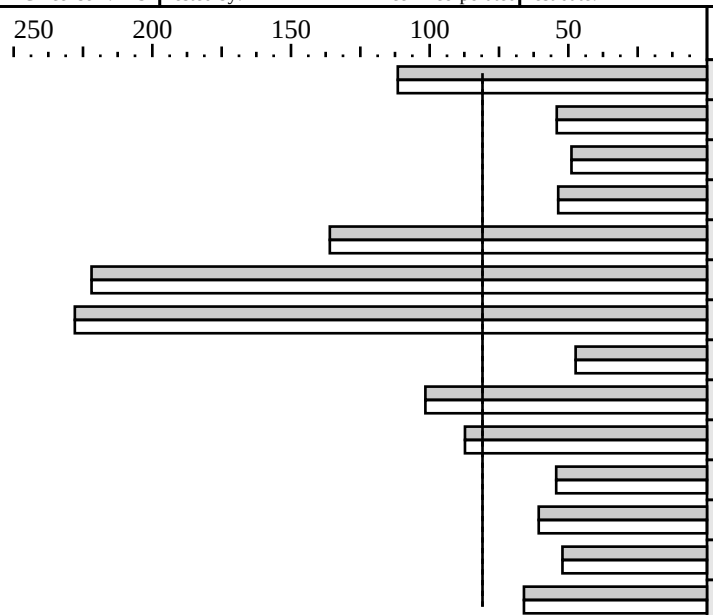
Acer Incorporated

Acer Altos R520 (3.0 GHz Intel Xeon Processor 5160)

SPECfp_rate2000 = 81.0

SPECfp_rate_base2000 = 81.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	66.6	111	4	66.6	111
171.swim	4	266	54.2	4	266	54.2
172.mgrid	4	171	48.9	4	171	48.9
173.applu	4	182	53.7	4	182	53.7
177.mesa	4	47.8	136	4	47.8	136
178.galgel	4	60.6	222	4	60.6	222
179.art	4	52.9	228	4	52.9	228
183.equake	4	127	47.4	4	127	47.4
187.facerec	4	86.8	102	4	86.8	102
188.ammp	4	117	87.3	4	117	87.3
189.lucas	4	171	54.4	4	171	54.4
191.fma3d	4	161	60.7	4	161	60.7
200.sixtrack	4	97.9	52.1	4	97.9	52.1
301.apsi	4	183	66.0	4	183	66.0

Hardware

CPU:	Intel Xeon Processor 5160 (3.0 GHz, 4MB L2, 1333MHz system bus)
CPU MHz:	3000
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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