



CFP2000 Result

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Acer Incorporated

Acer Altos R520 (2.0 GHz Intel Xeon Processor 5130)

SPECfp_rate2000 = 68.7

SPECfp_rate_base2000 = 68.7

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

250	200	150	100	50	Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
					168.wupwise	4	71.4	104	4	71.4	104
					171.swim	4	273	52.7	4	273	52.7
					172.mgrid	4	177	47.3	4	177	47.3
					173.applu	4	188	51.8	4	188	51.8
					177.mesa	4	69.1	94.0	4	69.1	94.0
					178.galgel	4	79.7	169	4	79.7	169
					179.art	4	61.1	197	4	61.1	197
					183.equake	4	134	44.9	4	134	44.9
					187.facerec	4	103	85.2	4	103	85.2
					188.amp	4	161	63.4	4	161	63.4
					189.lucas	4	179	51.7	4	179	51.7
					191.fma3d	4	184	52.9	4	184	52.9
					200.sixtrack	4	146	35.0	4	146	35.0
					301.apsi	4	225	53.7	4	225	53.7

Hardware

CPU: Intel Xeon Processor 5130 (2.0 GHz, 4MB L2, 1333MHz system bus)
CPU MHz: 2000
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.