



# 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.amp	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.