



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos R720 (2.33 GHz Intel Xeon Processor 5140)

SPECfp\_rate2000 = 72.8  
SPECfp\_rate\_base2000 = 72.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	70.4	105	4	70.4	105
171.swim	4	273	52.6	4	273	52.6
172.mgrid	4	176	47.5	4	176	47.5
173.applu	4	189	51.6	4	189	51.6
177.mesa	4	59.8	109	4	59.8	109
178.galgel	4	71.5	188	4	71.5	188
179.art	4	58.2	207	4	58.2	207
183.equake	4	134	45.1	4	134	45.1
187.facerec	4	96.7	91.2	4	96.7	91.2
188.amp	4	143	71.6	4	143	71.6
189.lucas	4	177	52.5	4	177	52.5
191.fma3d	4	176	55.5	4	176	55.5
200.sixtrack	4	125	40.7	4	125	40.7
301.apsi	4	208	58.0	4	208	58.0

### Hardware

CPU: Intel Xeon Processor 5140 (2.33 GHz, 4MB L2, 1333MHz system bus)  
 CPU MHz: 2333  
 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