



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos R720 (2.66 GHz Intel Xeon Processor 5150)

SPECfp\_rate2000 = 44.2  
SPECfp\_rate\_base2000 = 44.2

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	2	54.3	68.3	2	54.3	68.3
171.swim	2	210	34.3	2	210	34.3
172.mgrid	2	136	30.6	2	136	30.6
173.applu	2	147	33.1	2	147	33.1
177.mesa	2	52.9	61.4	2	52.9	61.4
178.galgel	2	61.6	109	2	61.6	109
179.art	2	48.3	125	2	48.3	125
183.equake	2	96.5	31.3	2	96.5	31.3
187.facerec	2	84.8	52.0	2	84.8	52.0
188.amp	2	125	40.8	2	125	40.8
189.lucas	2	145	31.9	2	145	31.9
191.fma3d	2	144	33.8	2	144	33.8
200.sixtrack	2	110	23.3	2	110	23.3
301.apsi	2	182	33.1	2	182	33.1

### Hardware

CPU: Intel Xeon Processor 5150 (2.66 GHz, 4MB L2, 1333MHz system bus)  
CPU MHz: 2666  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 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