



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos R720 (1.6 GHz Intel Xeon Processor 5110)

SPECfp\_rate2000 = 55.7  
SPECfp\_rate\_base2000 = 55.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	88.5	83.8	4	88.5	83.8
171.swim	4	341	42.1	4	341	42.1
172.mgrid	4	221	37.7	4	221	37.7
173.applu	4	234	41.6	4	234	41.6
177.mesa	4	86.1	75.5	4	86.1	75.5
178.galgel	4	99.4	135	4	99.4	135
179.art	4	75.7	159	4	75.7	159
183.equake	4	166	36.3	4	166	36.3
187.facerec	4	126	69.7	4	126	69.7
188.amp	4	200	51.1	4	200	51.1
189.lucas	4	219	42.3	4	219	42.3
191.fma3d	4	228	42.7	4	228	42.7
200.sixtrack	4	182	28.0	4	182	28.0
301.apsi	4	261	46.3	4	261	46.3

### Hardware

CPU: Intel Xeon Processor 5110 (1.6 GHz, 4MB L2, 1066MHz system bus)  
CPU MHz: 1600  
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, 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