



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos G540 (1.86 GHz Intel Xeon Processor 5120)

SPECfp\_rate2000 = 35.5  
SPECfp\_rate\_base2000 = 35.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	63.5	58.5	2	63.5	58.5
171.swim	2	247	29.2	2	247	29.2
172.mgrid	2	172	24.3	2	172	24.3
173.applu	2	199	24.5	2	199	24.5
177.mesa	2	70.9	45.8	2	70.9	45.8
178.galgel	2	82.8	81.2	2	82.8	81.2
179.art	2	57.4	105	2	57.4	105
183.equake	2	114	26.6	2	114	26.6
187.facerec	2	102	43.4	2	102	43.4
188.amp	2	172	29.7	2	172	29.7
189.lucas	2	148	31.3	2	148	31.3
191.fma3d	2	173	28.2	2	173	28.2
200.sixtrack	2	157	16.3	2	157	16.3
301.apsi	2	230	26.2	2	230	26.2

### Hardware

CPU: Intel Xeon Processor 5120 (1.86 GHz, 4MB L2, 1066MHz system bus)  
CPU MHz: 1860  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1,2 chips  
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 1024MB 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