



# CFP2000 Result

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## Acer Incorporated

Acer Altos G540 (2.0 GHz Intel Xeon Processor 5130)

SPECfp\_rate2000 = 68.5

SPECfp\_rate\_base2000 = 68.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	72.0	103	4	72.0	103
171.swim	4	273	52.7	4	273	52.7
172.mgrid	4	177	47.2	4	177	47.2
173.applu	4	189	51.5	4	189	51.5
177.mesa	4	68.5	94.8	4	68.5	94.8
178.galgel	4	79.9	168	4	79.9	168
179.art	4	62.5	193	4	62.5	193
183.equake	4	136	44.5	4	136	44.5
187.facerec	4	105	84.3	4	105	84.3
188.amp	4	162	63.0	4	162	63.0
189.lucas	4	181	51.2	4	181	51.2
191.fma3d	4	181	53.9	4	181	53.9
200.sixtrack	4	146	34.9	4	146	34.9
301.apsi	4	224	53.9	4	224	53.9

### Hardware

CPU: Intel Xeon Processor 5130 (2.0 GHz, 4MB L2, 1333MHz system bus)  
CPU MHz: 2000  
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 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