



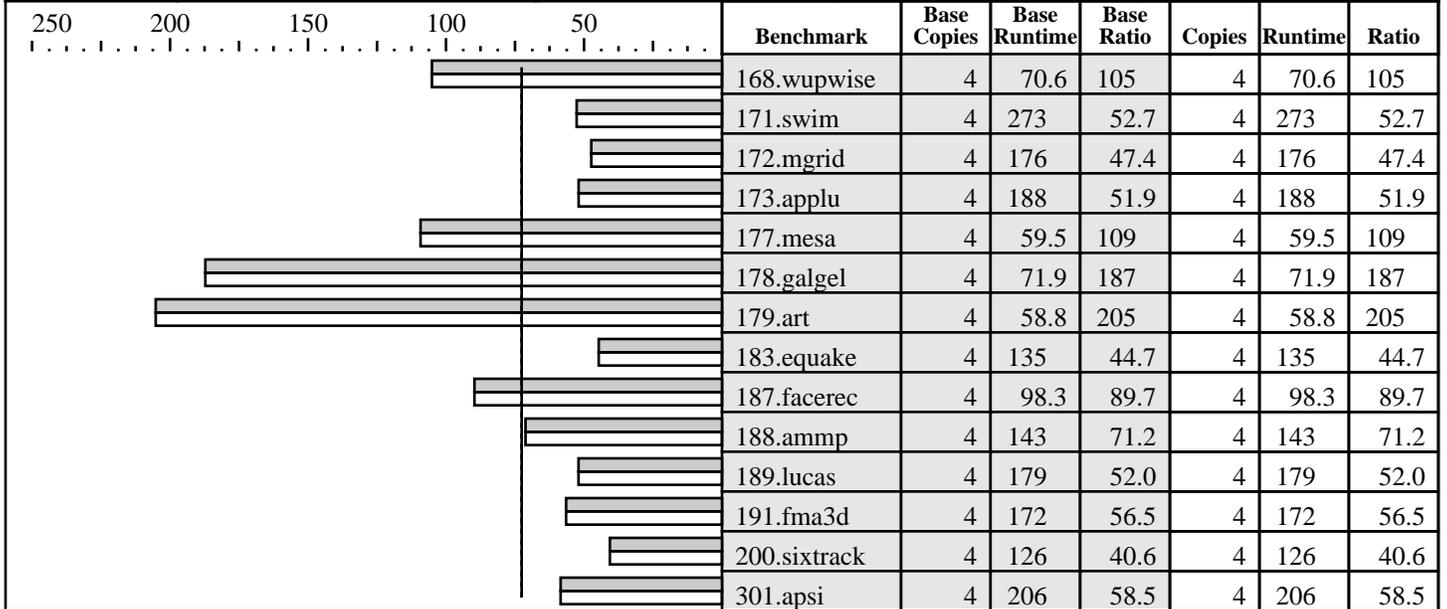
# CFP2000 Result

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**Acer Incorporated**  
Acer Altos G540 (2.33 GHz Intel Xeon Processor 5140)

SPECfp\_rate2000 = 72.6  
SPECfp\_rate\_base2000 = 72.6

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



### 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 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