



# CFP2000 Result

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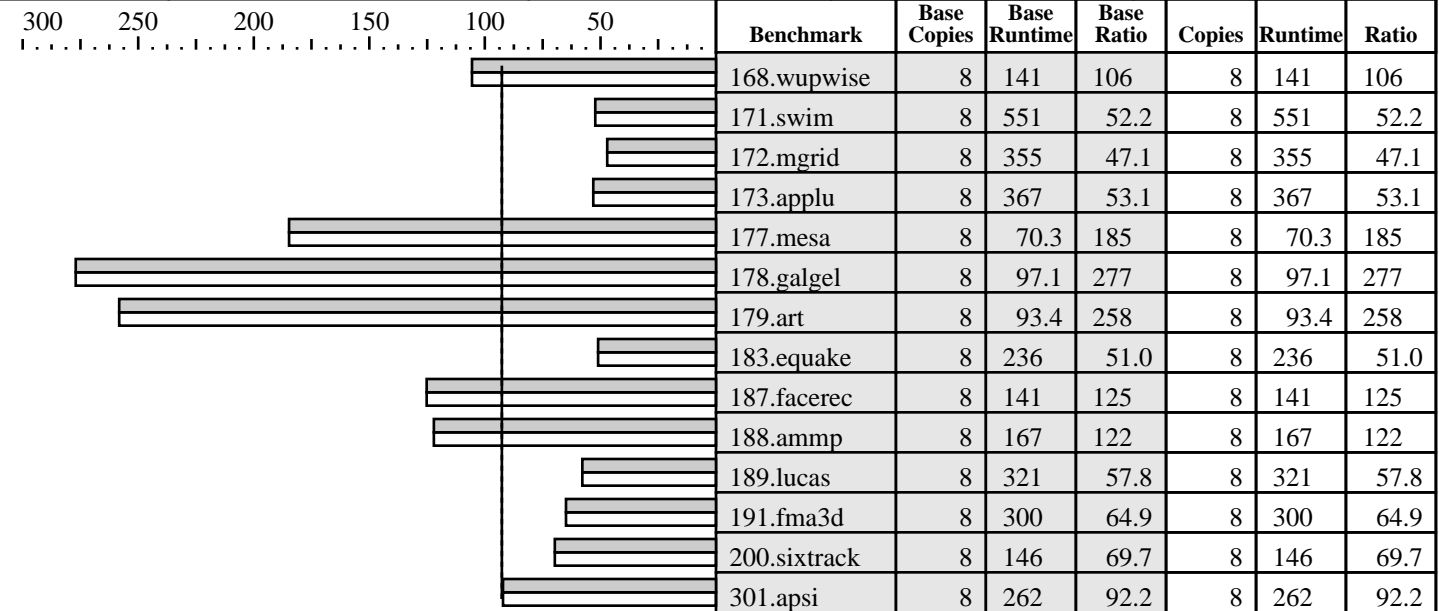
Dell

PowerEdge 2950 (Intel Xeon processor E5335, 2.00 GHz)

SPECfp\_rate2000 = 92.6

SPECfp\_rate\_base2000 = 92.6

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX | Test date: Nov-2006 | Hardware Avail: Dec-2006 | Software Avail: Aug-2006



### Hardware

CPU: Quad-Core Intel Xeon processor E5335 (1333 MHz system bus)  
 CPU MHz: 2000  
 FPU: Integrated  
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
 CPU(s) orderable: 1,2 chips  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
 Secondary Cache: 8 MB I+D on chip, per chip (4 MB shared per 2 cores)  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8 GB (8 x 1 GB 667 MHz CL5 FB-DIMM DDR2 SDRAM)  
 Disk Subsystem: 1 x 80GB SATA 7200 RPM  
 Other Hardware: None

### Software

Operating System: Red Hat Enterprise Linux 4 Advanced Server Update 4 EM64T  
 Compiler: Intel C++ Compiler 9.0 for EM64T Build 20060120  
 Intel Fortran Compiler 9.0 for EM64T Build 20051201  
 File System: ext3  
 System State: Runlevel 3

## Notes/Tuning Information

### GENERAL

ONESTEP=yes for all benchmarks

+FDO implies feedback-directed optimization 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

### BIOS SETTINGS

Adjacent Cache Line Prefetch disabled in BIOS