



# CFP2000 Result

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## Dell

PowerEdge 1955 (Intel Xeon processor 5150, 2.66GHz)

SPECfp\_rate2000 = 76.7

SPECfp\_rate\_base2000 = 76.7

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	72.3	103	4	72.3	103
171.swim	4	289	49.7	4	289	49.7
172.mgrid	4	214	39.0	4	214	39.0
173.applu	4	183	53.2	4	183	53.2
177.mesa	4	53.0	123	4	53.0	123
178.galgel	4	62.3	216	4	62.3	216
179.art	4	54.8	220	4	54.8	220
183.equake	4	112	53.7	4	112	53.7
187.facerec	4	89.3	98.7	4	89.3	98.7
188.amp	4	130	78.7	4	130	78.7
189.lucas	4	171	54.2	4	171	54.2
191.fma3d	4	164	59.4	4	164	59.4
200.sixtrack	4	110	46.4	4	110	46.4
301.apsi	4	189	63.9	4	189	63.9

### Hardware

CPU: Intel Xeon processor 5150 (1333MHz system bus)  
 CPU MHz: 2666  
 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 1GB 667MHz ECC CL5 DDR2 FB-DIMM  
 Disk Subsystem: 1 x 73GB SAS 10000 RPM  
 Other Hardware: None

### Software

Operating System: Red Hat Enterprise Linux 4 Advanced Server Update 3 EM64T  
 Compiler: Intel C++ and Fortran Compiler 9.0 for EM64T Builds 20060120 and 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