



# CFP2000 Result

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Dell

PowerEdge 1955 (Intel Xeon processor 5050, 3.00GHz)

SPECfp\_rate2000 = 43.8

SPECfp\_rate\_base2000 = 43.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	122	60.6	4	122	60.6
171.swim	4	472	30.5	4	472	30.5
172.mgrid	4	298	28.0	4	298	28.0
173.applu	4	314	31.1	4	314	31.1
177.mesa	4	92.3	70.4	4	92.3	70.4
178.galgel	4	145	92.7	4	145	92.7
179.art	4	109	110	4	109	110
183.equake	4	213	28.3	4	213	28.3
187.facerec	4	180	49.0	4	180	49.0
188.amp	4	221	46.1	4	221	46.1
189.lucas	4	308	30.1	4	308	30.1
191.fma3d	4	281	34.7	4	281	34.7
200.sixtrack	4	187	27.4	4	187	27.4
301.apsi	4	270	44.7	4	270	44.7

### Hardware

CPU: Intel Xeon processor 5050 (667MHz system bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 1GB 533MHz ECC CL4 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