



# CFP2000 Result

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**Dell**  
PowerEdge 1950 (Intel Xeon processor 5080, 3.73GHz)

SPECfp2000 = 2015  
SPECfp\_base2000 = 2015

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	55.0	2911	55.0	2911	
171.swim	3100	135	2296	135	2296	
172.mgrid	1800	106	1703	106	1703	
173.applu	2100	121	1738	121	1738	
177.mesa	1400	71.7	1952	71.7	1952	
178.galgel	2900	79.1	3667	79.1	3667	
179.art	2600	42.8	6079	42.8	6079	
183.equake	1300	59.8	2174	59.8	2174	
187.facerec	1900	87.3	2177	87.3	2177	
188.amp	2200	158	1392	158	1392	
189.lucas	2000	97.2	2058	97.2	2058	
191.fma3d	2100	132	1587	132	1587	
200.sixtrack	1100	148	741	148	741	
301.apsi	2600	195	1330	195	1330	

### Hardware

CPU: Intel Xeon processor 5080 (1066MHz system bus)  
 CPU MHz: 3733  
 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 80GB SATA 7200 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

### BIOS SETTINGS

Snoop Filter enabled in BIOS