



# CFP2000 Result

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**Dell**  
PowerEdge 1955 (Intel Xeon processor 5110, 1.60GHz)

SPECfp2000 = 1714  
SPECfp\_base2000 = 1714

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	67.3	2379	67.3	2379	
171.swim	3100	143	2171	143	2171	
172.mgrid	1800	156	1158	156	1158	
173.applu	2100	147	1431	147	1431	
177.mesa	1400	83.1	1686	83.1	1686	
178.galgel	2900	75.8	3827	75.8	3827	
179.art	2600	40.5	6413	40.5	6413	
183.quake	1300	66.7	1950	66.7	1950	
187.facerec	1900	106	1793	106	1793	
188.amp	2200	185	1189	185	1189	
189.lucas	2000	134	1489	134	1489	
191.fma3d	2100	161	1305	161	1305	
200.sixtrack	1100	180	611	180	611	
301.apsi	2600	241	1079	241	1079	

### Hardware

CPU: Intel Xeon processor 5110 (1066MHz system bus)  
CPU MHz: 1600  
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