



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Dell**  
PowerEdge 1955 (Intel Xeon processor 5130, 2.00GHz)

SPECfp2000 = 2120  
SPECfp\_base2000 = 2120

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	54.5	2936	54.5	2936	
171.swim	3100	116	2682	116	2682	
172.mgrid	1800	125	1438	125	1438	
173.applu	2100	119	1767	119	1767	
177.mesa	1400	66.4	2107	66.4	2107	
178.galgel	2900	61.0	4753	61.0	4753	
179.art	2600	32.6	7973	32.6	7973	
183.quake	1300	54.6	2379	54.6	2379	
187.facerec	1900	85.3	2229	85.3	2229	
188.amp	2200	149	1481	149	1481	
189.lucas	2000	110	1824	110	1824	
191.fma3d	2100	130	1620	130	1620	
200.sixtrack	1100	144	764	144	764	
301.apsi	2600	199	1309	199	1309	

### Hardware

CPU: Intel Xeon processor 5130 (1333MHz system bus)  
CPU MHz: 2000  
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