



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECfp\_rate2000 = 54.9  
SPECfp\_rate\_base2000 = 54.9

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	96.3	77.1	4	96.3	77.1
171.swim	4	364	39.5	4	364	39.5
172.mgrid	4	271	30.8	4	271	30.8
173.applu	4	236	41.4	4	236	41.4
177.mesa	4	86.1	75.4	4	86.1	75.4
178.galgel	4	95.3	141	4	95.3	141
179.art	4	76.0	159	4	76.0	159
183.equake	4	148	40.7	4	148	40.7
187.facerec	4	125	70.7	4	125	70.7
188.amp	4	203	50.3	4	203	50.3
189.lucas	4	219	42.5	4	219	42.5
191.fma3d	4	223	43.8	4	223	43.8
200.sixtrack	4	183	27.8	4	183	27.8
301.apsi	4	264	45.7	4	264	45.7

### 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