



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.  
PowerEdge 1800SC (3.6Ghz Intel Xeon)

SPECfp2000 = 1807  
SPECfp\_base2000 = 1800

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: Jan-2005 Hardware Avail: Feb-2005 Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	60.9	2626	60.9	2626	
171.swim	3100	134	2318	134	2318	
172.mgrid	1800	119	1516	119	1516	
173.applu	2100	138	1520	139	1512	
177.mesa	1400	88.7	1579	88.7	1579	
178.galgel	2900	88.1	3292	88.1	3292	
179.art	2600	62.8	4141	62.8	4141	
183.quake	1300	65.5	1983	65.5	1985	
187.facerec	1900	102	1864	102	1864	
188.amp	2200	174	1265	167	1321	
189.lucas	2000	95.5	2094	95.0	2106	
191.fma3d	2100	143	1473	143	1473	
200.sixtrack	1100	168	654	167	660	
301.apsi	2600	198	1313	198	1313	

### Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)  
 CPU MHz: 3600  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip  
 Secondary Cache: 2048KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4x2048MB (dual-ranked) ECC DDR2-400 SDRAM  
 Disk Subsystem: 1 x 18GB 15000RPM SCSI  
 Other Hardware: None

### Software

Operating System: Windows 2003 Server, Standard Edition  
 Compiler: Intel C/C++ Compiler 8.1 (20041019Z)  
 Intel Fortran Compiler 8.1 (20041019Z)  
 Microsoft Visual Studio .NET 2003(7.1.3088)  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

### GENERAL

ONESTEP=yes  
 +FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

### PORTABILITY

178.galgel: -FI /F32000000  
 191.fma3d: Approved src.alt windowsdp

### BASE TUNING

C/F77/F90: -fast -QxP -Qansi\_alias +FDO

### PEAK TUNING

168.wupwise: basepeak=yes  
 171.swim: basepeak=yes  
 172.mgrid: basepeak=yes  
 173.applu: -fast -QxP -Qansi\_alias -Qscalar\_rep- -Qauto +FDO  
 177.mesa: basepeak=yes  
 178.galgel: basepeak=yes  
 179.art: basepeak=yes  
 183.quake: -fast -QxP -Qansi\_alias -Oa -Qrcd +FDO



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.  
PowerEdge 1800SC (3.6Ghz Intel Xeon)

SPECfp2000 =	1807
SPECfp_base2000 =	1800

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Jan-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2004

## Notes/Tuning Information (Continued)

```
187.facerec: -fast -QxP -Qunroll11 -Qscalar_rep- +FDO
188.ammP: -Oa -QxP
189.lucas: -fast -QxP
191.fma3d: basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi: basepeak=yes
```