



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.  
PowerEdge 2850 (3.6Ghz Intel Xeon)

SPECfp2000 = 1780

SPECfp\_base2000 = 1773

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	61.9	2587	61.9	2587	
171.swim	3100	135	2294	135	2294	
172.mgrid	1800	119	1508	119	1508	
173.applu	2100	140	1496	141	1490	
177.mesa	1400	89.1	1571	89.1	1571	
178.galgel	2900	89.1	3256	89.1	3256	
179.art	2600	64.5	4028	64.5	4028	
183.quake	1300	66.6	1952	66.6	1952	
187.facerec	1900	105	1804	105	1804	
188.amp	2200	178	1238	171	1290	
189.lucas	2000	98.0	2040	97.0	2062	
191.fma3d	2100	145	1446	145	1446	
200.sixtrack	1100	169	652	167	659	
301.apsi	2600	199	1308	199	1308	

### 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: 1,2  
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: 4x2GB (dual-ranked) ECC DDR2-400 SDRAM  
Disk Subsystem: 1 x 36GB 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 2850 (3.6Ghz Intel Xeon)

SPECfp2000 =	1780
SPECfp_base2000 =	1773

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
```