



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6800 (3.66GHz Intel Xeon)

SPECfp2000 = **1303**
SPECfp_base2000 = **1300**

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	74.7	2142	74.7	2142	
171.swim	3100	185	1679	185	1679	
172.mgrid	1800	133	1353	133	1353	
173.applu	2100	164	1278	164	1278	
177.mesa	1400	91.5	1529	91.5	1529	
178.galgel	2900	152	1902	152	1902	
179.art	2600	137	1899	137	1899	
183.quake	1300	99.8	1303	99.6	1305	
187.facerec	1900	167	1139	167	1141	
188.amp	2200	300	734	293	750	
189.lucas	2000	170	1175	171	1172	
191.fma3d	2100	172	1224	172	1224	
200.sixtrack	1100	170	646	169	653	
301.apsi	2600	230	1133	230	1133	

Hardware

CPU: Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
 CPU MHz: 3660
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2,3,4
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x2GB (dual-ranked) ECC DDR2-400 SDRAM
 Disk Subsystem: 1 x 36GB 15000RPM SCSI
 Other Hardware: None

Software

Operating System: Windows 2003 Server, Enterprise Edition
 Compiler: Intel C/C++ Compiler 8.1 (20041119Z)
 Intel Fortran Compiler 8.1 (20041119Z)
 Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
 +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY

178.galgel: -FI /F3200000
 191.fma3d: srcalt=windowsdp

BASE TUNING

C/F77/F90: -fast -Qansi_alias +FDO

PEAK TUNING

168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 172.mgrid: basepeak=yes
 173.applu: -fast -Qansi_alias -Qscalar_rep- -Qauto +FDO
 177.mesa: basepeak=yes
 178.galgel: basepeak=yes
 179.art: basepeak=yes
 183.quake: -fast -Qansi_alias -Oa -Qrcd +FDO



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 6800 (3.66GHz Intel Xeon)

SPECfp2000 =	1303
SPECfp_base2000 =	1300

SPEC license #:	55	Tested by:	Dell, Round Rock, TX	Test date:	Mar-2005	Hardware Avail:	Mar-2005	Software Avail:	Nov-2004
-----------------	----	------------	----------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

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

This result was measured on the Dell PowerEdge 6850.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.