



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.
PowerEdge 1850 (3.6Ghz Intel Xeon)

SPECfp2000 = 1773
SPECfp_base2000 = 1766

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	1000	2000	3000	4000
168.wupwise	1600	62.0	2579	62.0	2579				
171.swim	3100	136	2274	136	2274				
172.mgrid	1800	120	1500	120	1500				
173.applu	2100	141	1493	141	1487				
177.mesa	1400	89.3	1568	89.3	1568				
178.galgel	2900	89.2	3250	89.2	3250				
179.art	2600	65.2	3987	65.2	3987				
183.quake	1300	67.0	1940	67.0	1941				
187.facerec	1900	106	1797	106	1798				
188.amp	2200	178	1235	171	1289				
189.lucas	2000	98.6	2029	97.5	2051				
191.fma3d	2100	146	1442	146	1442				
200.sixtrack	1100	169	651	167	658				
301.apsi	2600	199	1305	199	1305				

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 1850 (3.6Ghz Intel Xeon)

SPECfp2000 =	1773
SPECfp_base2000 =	1766

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
```