



CFP2000 Result

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Dell Inc.
PowerEdge 2800 (3.6Ghz Intel Xeon)

SPECfp2000 = 1805
SPECfp_base2000 = 1798

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	61.0	2624	61.0	2624	
171.swim	3100	134	2316	134	2316	
172.mgrid	1800	119	1515	119	1515	
173.applu	2100	138	1518	139	1511	
177.mesa	1400	88.7	1578	88.7	1578	
178.galgel	2900	88.2	3287	88.2	3287	
179.art	2600	62.9	4135	62.9	4135	
183.quake	1300	65.6	1982	65.6	1982	
187.facerec	1900	102	1862	102	1862	
188.amp	2200	174	1263	167	1319	
189.lucas	2000	95.7	2091	95.1	2103	
191.fma3d	2100	143	1471	143	1471	
200.sixtrack	1100	168	653	167	660	
301.apsi	2600	198	1311	198	1311	

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: 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



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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
```