



CFP2000 Result

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Dell
PowerEdge 2800 (3.8GHz Intel Xeon)

SPECfp2000 = **1840**

SPECfp_base2000 = **1832**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	60.0	2665	60.0	2665	
171.swim	3100	134	2311	134	2311	
172.mgrid	1800	115	1571	115	1571	
173.applu	2100	137	1538	137	1537	
177.mesa	1400	84.9	1648	84.9	1648	
178.galgel	2900	79.1	3667	79.1	3667	
179.art	2600	63.7	4084	63.7	4084	
183.quake	1300	64.6	2013	64.6	2013	
187.facerec	1900	103	1839	103	1840	
188.amp	2200	177	1244	170	1295	
189.lucas	2000	99.6	2008	98.5	2031	
191.fma3d	2100	138	1519	138	1519	
200.sixtrack	1100	160	686	159	693	
301.apsi	2600	192	1357	192	1357	

Hardware

CPU: Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
CPU MHz: 3800
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: 12KB(I) + 16KB(D) on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
Disk Subsystem: 1 x 36GB 15000RPM SCSI
Other Hardware: None

Software

Operating System: Windows Server 2003, Standard Edition, Service Pack 1
Compiler: Intel C/C++/FORTRAN Compiler 8.1 for IA32 (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



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Notes/Tuning Information (Continued)

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

NOTES
*+FDO does not include -QxP for PASS1 to enable cross-compilation.