



CFP2000 Result

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Dell
PowerEdge 1800 (3.8GHz Intel Xeon)

SPECfp2000 = **1842**

SPECfp_base2000 = **1834**

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	2667	60.0	2667	
171.swim	3100	134	2313	134	2313	
172.mgrid	1800	114	1572	114	1572	
173.applu	2100	136	1540	137	1538	
177.mesa	1400	84.9	1650	84.9	1650	
178.galgel	2900	79.0	3670	79.0	3670	
179.art	2600	63.6	4088	63.6	4088	
183.quake	1300	64.6	2014	64.6	2014	
187.facerec	1900	103	1840	103	1840	
188.amp	2200	177	1245	170	1297	
189.lucas	2000	99.5	2010	98.4	2032	
191.fma3d	2100	138	1521	138	1521	
200.sixtrack	1100	160	686	159	694	
301.apsi	2600	191	1358	191	1358	

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.amp: -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.