



CFP2000 Result

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Dell
PowerEdge SC1425 (3.8GHz Intel Xeon)

SPECfp2000 = 1838
SPECfp_base2000 = 1830

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-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	2310	134	2310	
172.mgrid	1800	115	1570	115	1570	
173.applu	2100	137	1538	137	1536	
177.mesa	1400	85.0	1647	85.0	1647	
178.galgel	2900	79.2	3663	79.2	3663	
179.art	2600	64.0	4062	64.0	4062	
183.quake	1300	64.7	2011	64.7	2010	
187.facerec	1900	103	1840	103	1838	
188.amp	2200	177	1240	170	1294	
189.lucas	2000	99.6	2008	98.5	2030	
191.fma3d	2100	138	1517	138	1517	
200.sixtrack	1100	161	685	159	693	
301.apsi	2600	192	1356	192	1356	

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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Dell	SPECfp2000 =	1838
PowerEdge SC1425 (3.8GHz Intel Xeon)	SPECfp_base2000 =	1830

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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
```

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