



CFP2000 Result

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Dell Inc.
PowerEdge 1850 (3.4Ghz Intel Xeon)

SPECfp2000 = 1782
SPECfp_base2000 = 1779

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	63.0	2538	63.0	2538	
171.swim	3100	140	2214	140	2214	
172.mgrid	1800	125	1439	125	1439	
173.applu	2100	141	1487	140	1499	
177.mesa	1400	94.7	1478	94.7	1478	
178.galgel	2900	83.9	3457	83.9	3457	
179.art	2600	62.1	4184	62.1	4184	
183.equake	1300	49.8	2608	49.8	2612	
187.facerec	1900	102	1862	102	1864	
188.amp	2200	195	1131	192	1148	
189.lucas	2000	104	1927	104	1927	
191.fma3d	2100	148	1420	148	1420	
200.sixtrack	1100	163	677	163	677	
301.apsi	2600	214	1215	214	1215	

Hardware

CPU: Intel Xeon (3.4Ghz, 2MB L2, 800MHz system bus)
CPU MHz: 3400
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
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: 4x1GB (single-ranked) ECC DDR2-400 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++ Compiler 9.0 for IA32(20051020Z)
Intel Fortran Compiler 9.0 for IA32(20051020Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY

178.galgel: -FI /F32000000

BASE TUNING

FORTRAN: -fast -Qansi_alias +FDO
177.mesa: -fast +FDO shlW32M.lib
179.art: -fast +FDO shlW32M.lib
183.equake: -fast +FDO shlW32M.lib
188.amp: -fast +FDO shlW32M.lib

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



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Notes/Tuning Information (Continued)

```
178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -fast -Oa shlW32M.lib
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: -fast +FDO
301.apsi: basepeak=yes
```