



CFP2000 Result

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Dell Inc.
PowerEdge 1850 (3.2Ghz Intel Xeon)

SPECfp2000 = 1716
SPECfp_base2000 = 1714

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	65.4	2447	65.4	2447	
171.swim	3100	141	2200	141	2200	
172.mgrid	1800	131	1378	131	1378	
173.applu	2100	147	1428	145	1449	
177.mesa	1400	100	1399	100	1399	
178.galgel	2900	88.0	3296	88.0	3296	
179.art	2600	64.2	4049	64.2	4049	
183.quake	1300	51.2	2538	51.2	2541	
187.facerec	1900	106	1789	107	1784	
188.amp	2200	201	1094	200	1102	
189.lucas	2000	106	1885	106	1885	
191.fma3d	2100	153	1372	153	1372	
200.sixtrack	1100	172	640	172	640	
301.apsi	2600	225	1157	225	1157	

Hardware

CPU: Intel Xeon (3.2Ghz, 2MB L2, 800MHz system bus)
 CPU MHz: 3200
 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.quake: -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)

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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
```