



CFP2000 Result

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Dell Inc.
PowerEdge 1850 (3.6Ghz Intel Xeon)

SPECfp2000 = 1848
SPECfp_base2000 = 1844

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	60.7	2637	60.7	2637	
171.swim	3100	142	2188	142	2188	
172.mgrid	1800	121	1489	121	1489	
173.applu	2100	136	1545	135	1557	
177.mesa	1400	89.2	1569	89.2	1569	
178.galgel	2900	79.8	3635	79.8	3635	
179.art	2600	60.3	4311	60.3	4311	
183.quake	1300	48.8	2666	48.4	2689	
187.facerec	1900	98.3	1932	98.0	1939	
188.amp	2200	185	1186	184	1198	
189.lucas	2000	102	1970	102	1970	
191.fma3d	2100	142	1480	142	1480	
200.sixtrack	1100	153	719	153	719	
301.apsi	2600	207	1256	207	1256	

Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)
 CPU MHz: 3600
 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
```