



CFP2000 Result

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Dell
PowerEdge 1750 (3.2 GHz Xeon, 1MB L3)

SPECfp2000 = 1192
SPECfp_base2000 = 1179

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Oct-2003 Hardware Avail: Oct-2003 Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
168.wupwise	1600	107	1489	107	1495	[Bar chart showing ratio 1495]			
171.swim	3100	176	1757	176	1762	[Bar chart showing ratio 1762]			
172.mgrid	1800	148	1218	148	1219	[Bar chart showing ratio 1219]			
173.applu	2100	185	1133	185	1134	[Bar chart showing ratio 1134]			
177.mesa	1400	108	1297	107	1311	[Bar chart showing ratio 1311]			
178.galgel	2900	157	1850	156	1853	[Bar chart showing ratio 1853]			
179.art	2600	295	881	289	901	[Bar chart showing ratio 901]			
183.quake	1300	111	1176	105	1243	[Bar chart showing ratio 1243]			
187.facerec	1900	131	1447	128	1489	[Bar chart showing ratio 1489]			
188.amp	2200	277	795	276	797	[Bar chart showing ratio 797]			
189.lucas	2000	139	1436	139	1439	[Bar chart showing ratio 1439]			
191.fma3d	2100	180	1167	180	1167	[Bar chart showing ratio 1167]			
200.sixtrack	1100	189	581	186	592	[Bar chart showing ratio 592]			
301.apsi	2600	259	1003	259	1005	[Bar chart showing ratio 1005]			

Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)
 CPU MHz: 3200
 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: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024KB(I+D) on chip
 Other Cache: N/A
 Memory: 4 X 512MB DDR266
 Disk Subsystem: 1 x 17GB Ultra3 Seagate SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Server (SP2)
 Compiler: Intel C++ Compiler 7.1 (20030402Z)
 Intel Fortran Compiler 7.1 (20030402Z)
 Microsoft Visual Studio .NET (7.0.9466)
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY

178.galgel: -FI /F32000000

FEEDBACK DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2=-Qprof_use

BASE TUNING

C/F77/F90: -Qipo -QxW -O3 +FDO

PEAK TUNING

168.wupwise: -Qipo -QxW -O3 +FDO

171.swim: -Qipo -QxW -O3 +FDO

172.mgrid: -Qipo -QaxW -O3 +FDO

173.applu: -Qipo -QxW -O3 -Qscalar_rep- -Qauto +FDO

177.mesa: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa

178.galgel: -Qipo -QxW -O3 +FDO

179.art: -Oa -Qipo -Qunroll4 -Zp4

183.quake: -QxW -Oa -Qrcd -Qipo +FDO

187.facerec: -O3 -QaxW -Qipo -Qunroll11 -Qscalar_rep- +FDO

188.amp: -Oa -QxW



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Notes/Tuning Information (Continued)

189.lucas: -Qipo -QaxW
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS