



CFP2000 Result

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Dell
Precision Workstation 360 (3.20E GHz Pentium 4)

SPECfp2000 = 1441
SPECfp_base2000 = 1438

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: Jan-2004 Hardware Avail: Feb-2004 Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	70.9	2256	70.9	2256	[Bar chart showing ratio 2256]			
171.swim	3100	138	2245	138	2245	[Bar chart showing ratio 2245]			
172.mgrid	1800	141	1274	141	1274	[Bar chart showing ratio 1274]			
173.applu	2100	155	1358	149	1411	[Bar chart showing ratio 1411]			
177.mesa	1400	99.7	1405	99.7	1405	[Bar chart showing ratio 1405]			
178.galgel	2900	123	2366	123	2366	[Bar chart showing ratio 2366]			
179.art	2600	209	1243	211	1231	[Bar chart showing ratio 1231]			
183.quake	1300	76.4	1702	76.4	1702	[Bar chart showing ratio 1702]			
187.facerec	1900	109	1748	109	1743	[Bar chart showing ratio 1743]			
188.amp	2200	223	988	223	988	[Bar chart showing ratio 988]			
189.lucas	2000	110	1816	110	1817	[Bar chart showing ratio 1817]			
191.fma3d	2100	152	1386	152	1386	[Bar chart showing ratio 1386]			
200.sixtrack	1100	191	577	191	577	[Bar chart showing ratio 577]			
301.apsi	2600	248	1047	248	1047	[Bar chart showing ratio 1047]			

Hardware

CPU: Intel Pentium 4 (800 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
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 512MB ECC CL3 DDR400 SDRAM
Disk Subsystem: 1 x 80GB ATA/100 7200 RPM
Other Hardware:

Software

Operating System: Windows XP Professional SP1
Compiler: Intel C/C++ Compiler 8.0 (20031229Z)
Intel Fortran Compiler 8.0 (20031229Z)
Microsoft Visual Studio .NET (7.0.9466)
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY

178.galgel: -FI /F32000000

FEEDBACK DIRECTED OPTIMIZATION

ONESTEP=YES

FDO: PASS1= -Qprof_gen PASS2=-Qprof_use

BASE TUNING

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

PEAK TUNING

168.wupwise: basepeak=yes

171.swim: basepeak=yes

172.mgrid: basepeak=yes

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

177.mesa: -QxP -Qipo -O3 -Oa +FDO

178.galgel: basepeak=yes

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

183.quake: -QxP -Qipo -O3 -Oa -Qrcd +FDO

187.facerec: -QaxP -Qipo -O3 -Qunroll1 -Qscalar_rep- +FDO



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Notes/Tuning Information (Continued)

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188. ammp: basepeak=yes
189. lucas: -QaxP -Qipo -O3
191. fma3d: basepeak=yes
200. sixtrack: basepeak=yes
301. apsi: basepeak=yes
NOTES
Hyper-Threading Technology not enabled.
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