



CFP2000 Result

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Dell
Precision Workstation 360 (2.80E GHz / 533 Pentium 4)

SPECfp2000 = 1212
SPECfp_base2000 = 1209

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	500 1000 1500 2000			
168.wupwise	1600	83.7	1912	83.7	1912	[Bar chart showing ratio 1912]			
171.swim	3100	171	1812	171	1812	[Bar chart showing ratio 1812]			
172.mgrid	1800	165	1089	165	1089	[Bar chart showing ratio 1089]			
173.applu	2100	184	1140	178	1183	[Bar chart showing ratio 1183]			
177.mesa	1400	115	1221	115	1221	[Bar chart showing ratio 1221]			
178.galgel	2900	149	1946	149	1946	[Bar chart showing ratio 1946]			
179.art	2600	258	1009	256	1014	[Bar chart showing ratio 1014]			
183.earthquake	1300	90.7	1433	90.6	1435	[Bar chart showing ratio 1435]			
187.facerec	1900	129	1469	130	1463	[Bar chart showing ratio 1463]			
188.amp	2200	263	837	263	837	[Bar chart showing ratio 837]			
189.lucas	2000	134	1488	134	1488	[Bar chart showing ratio 1488]			
191.fma3d	2100	180	1169	180	1169	[Bar chart showing ratio 1169]			
200.sixtrack	1100	218	504	218	504	[Bar chart showing ratio 504]			
301.apsi	2600	290	896	290	896	[Bar chart showing ratio 896]			

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
CPU MHz: 2800
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 non-ECC CL2.5-3-3 DDR333 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.earthquake: -QxP -Qipo -O3 -Oa -Qrcd +FDO

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



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Notes/Tuning Information (Continued)

188.amm: 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.