



CFP2000 Result

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Dell
Precision Workstation 360 (2.80E GHz Pentium 4)

SPECfp2000 = 1327
SPECfp_base2000 = 1325

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	
168.wupwise	1600	78.3	2044	78.3	2044	
171.swim	3100	142	2177	142	2177	
172.mgrid	1800	158	1142	158	1142	
173.applu	2100	163	1286	157	1336	
177.mesa	1400	113	1234	114	1233	
178.galgel	2900	132	2192	132	2192	
179.art	2600	213	1220	216	1205	
183.earthquake	1300	83.6	1555	83.6	1555	
187.facerec	1900	120	1588	120	1580	
188.amp	2200	243	907	243	907	
189.lucas	2000	113	1767	113	1764	
191.fma3d	2100	167	1258	167	1258	
200.sixtrack	1100	217	506	217	506	
301.apsi	2600	274	950	274	950	

Hardware

CPU: Intel Pentium 4 (800 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 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.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.ammf: 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.