



CFP2000 Result

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Dell
Precision WorkStation 350 (2.53 GHz P4)

SPECfp2000 = **1005**
SPECfp_base2000 = **992**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Nov-2002 Hardware Avail: Nov-2002 Software Avail: Jun-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	130	1231	124	1289	
171.swim	3100	175	1776	175	1776	
172.mgrid	1800	193	933	193	933	
173.applu	2100	198	1060	195	1075	
177.mesa	1400	145	966	144	971	
178.galgel	2900	204	1420	204	1420	
179.art	2600	353	737	352	738	
183.quake	1300	107	1218	103	1262	
187.facerec	1900	158	1200	158	1200	
188.ampm	2200	365	603	363	605	
189.lucas	2000	144	1393	137	1462	
191.fma3d	2100	221	949	221	949	
200.sixtrack	1100	236	466	232	475	
301.apsi	2600	346	751	343	758	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
CPU MHz: 2533
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
Secondary Cache: 512KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 2 x 256MB PC1066-32 ECC RDRAM
Disk Subsystem: 1 x 20GB Maxtor 7.2K ATA/100
Other Hardware:

Software

Operating System: Windows XP Professional
Compiler: Intel C++ and Fortran Compiler 6.0 (020613Z)
Microsoft Visual Studio .NET (7.0.9466)
MicroQuill SmartHeap Library 6.01
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 +FDO
171.swim: -Qipo -QxW -O3 +FDO
172.mgrid: -Qipo -QaxW -O3 +FDO
173.applu: -Qipo -QxW -O3 -Qscalar_rep- +FDO
177.mesa: -Qipo -QxW -O3 -Oa +FDO
178.galgel: -Qipo -QxW -O3 +FDO
179.art: -Qipo -QxW -O3 -Oa +FDO
183.quake: -Qipo -QxW -O3 -Oa +FDO
187.facerec: -Qipo -QxW -O3 +FDO
188.ampm: -Qipo -QxW -O3 -Oa +FDO



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Notes/Tuning Information (Continued)

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189.lucas: -Qipo -QaxW
191.fma3d: -Qipo -QxW -O3 +FDO
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW +FDO
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 6.01
              www.microquill.com
```