



CFP2000 Result

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Dell
Precision WorkStation 350 (2.26 GHz P4)

SPECfp2000 = **949**
SPECfp_base2000 = **936**

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	140	1139	134	1192	
171.swim	3100	175	1769	175	1769	
172.mgrid	1800	208	865	208	865	
173.applu	2100	208	1012	205	1024	
177.mesa	1400	160	877	159	882	
178.galgel	2900	213	1361	213	1361	
179.art	2600	354	734	354	735	
183.quake	1300	112	1163	107	1215	
187.facerec	1900	172	1104	172	1104	
188.amp	2200	382	576	380	578	
189.lucas	2000	151	1328	143	1404	
191.fma3d	2100	239	880	239	880	
200.sixtrack	1100	263	418	258	426	
301.apsi	2600	368	706	365	713	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
CPU MHz: 2266
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.amp: -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
```