



CFP2000 Result

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Dell
Precision WorkStation 350 (2.8 GHz P4)

SPECfp2000 = 1060
SPECfp_base2000 = 1048

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	121	1318	116	1382	
171.swim	3100	169	1836	169	1837	
172.mgrid	1800	180	999	180	1000	
173.applu	2100	184	1139	182	1154	
177.mesa	1400	132	1060	130	1073	
178.galgel	2900	196	1483	195	1484	
179.art	2600	364	715	365	712	
183.quake	1300	103	1259	100	1300	
187.facerec	1900	152	1249	152	1249	
188.amp	2200	351	628	349	630	
189.lucas	2000	135	1483	131	1526	
191.fma3d	2100	204	1028	204	1028	
200.sixtrack	1100	213	518	210	524	
301.apsi	2600	326	797	323	804	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
 CPU MHz: 2800
 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
```