



CFP2000 Result

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Dell
Precision WorkStation 350 (2.4 GHz P4)

SPECfp2000 = 979
SPECfp_base2000 = 965

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	135	1188	129	1243	
171.swim	3100	175	1774	175	1774	
172.mgrid	1800	200	901	200	901	
173.applu	2100	203	1036	200	1052	
177.mesa	1400	151	928	150	934	
178.galgel	2900	208	1394	208	1393	
179.art	2600	354	734	353	736	
183.earthquake	1300	109	1193	104	1246	
187.facerec	1900	165	1152	165	1151	
188.amp	2200	372	591	371	593	
189.lucas	2000	147	1362	139	1435	
191.fma3d	2100	229	915	229	916	
200.sixtrack	1100	249	442	244	451	
301.apsi	2600	356	730	353	737	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
 CPU MHz: 2400
 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.earthquake: -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)

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