



CFP2000 Result

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Dell
Precision WorkStation 350 (3.06 GHz P4)

SPECfp_rate2000 = 12.8
SPECfp_rate_base2000 = 12.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	114	16.3	1	110	16.9
171.swim	1	169	21.3	1	169	21.3
172.mgrid	1	172	12.1	1	172	12.1
173.applu	1	180	13.5	1	177	13.8
177.mesa	1	120	13.5	1	120	13.6
178.galgel	1	189	17.8	1	189	17.8
179.art	1	363	8.30	1	364	8.30
183.quake	1	101	15.0	1	97.8	15.4
187.facerec	1	144	15.3	1	145	15.2
188.amp	1	342	7.47	1	340	7.51
189.lucas	1	131	17.7	1	128	18.1
191.fma3d	1	193	12.6	1	193	12.6
200.sixtrack	1	195	6.54	1	192	6.63
301.apsi	1	312	9.66	1	310	9.74

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
 CPU MHz: 3066
 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

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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)

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