



CFP2000 Result

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Dell
Precision WorkStation 530 (2.4 GHz Xeon)

SPECfp_rate2000 = 9.59
SPECfp_rate_base2000 = 9.52

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	150	12.4	1	144	12.9
171.swim	1	232	15.5	1	232	15.5
172.mgrid	1	234	8.94	1	234	8.94
173.applu	1	248	9.84	1	243	10.0
177.mesa	1	154	10.5	1	153	10.6
178.galgel	1	250	13.5	1	250	13.5
179.art	1	477	6.33	1	476	6.34
183.quake	1	135	11.1	1	140	10.8
187.facerec	1	183	12.0	1	183	12.0
188.amp	1	456	5.60	1	454	5.62
189.lucas	1	178	13.0	1	172	13.5
191.fma3d	1	257	9.48	1	257	9.48
200.sixtrack	1	260	4.91	1	252	5.06
301.apsi	1	415	7.26	1	413	7.31

Hardware

CPU: Intel Xeon (400 MHz system bus)
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 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 PC800-45 ECC RDRAM
 Disk Subsystem: 1 x 18GB Fujitsu Limited 10K U160
 Other Hardware:

Software

Operating System: Windows XP Professional
 Compiler: Intel C++ and Fortran Compiler 6.0 (020423Z)
 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 shlW32M.lib
  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