



CFP2000 Result

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Dell
Precision WorkStation 650 (2.66 GHz Xeon)

SPECfp_rate2000 = 11.6
SPECfp_rate_base2000 = 11.5

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

21 18 15 12 9 6 3							Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
.....							168.wupwise	1	121	15.3	1	116	16.0
.....							171.swim	1	197	18.2	1	198	18.2
.....							172.mgrid	1	192	10.9	1	192	10.8
.....							173.applu	1	207	11.8	1	203	12.0
.....							177.mesa	1	135	12.0	1	135	12.1
.....							178.galgel	1	200	16.9	1	199	16.9
.....							179.art	1	380	7.93	1	380	7.94
.....							183.quake	1	101	15.0	1	97.4	15.5
.....							187.facerec	1	160	13.8	1	160	13.8
.....							188.amp	1	357	7.16	1	356	7.16
.....							189.lucas	1	154	15.1	1	150	15.4
.....							191.fma3d	1	212	11.5	1	212	11.5
.....							200.sixtrack	1	222	5.75	1	219	5.82
.....							301.apsi	1	361	8.36	1	357	8.44

Hardware

CPU: Intel Xeon (533 MHz system bus)
CPU MHz: 2666
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: 4 x 512MB PC2100 CL2-2-2 DDR ECC SDRAM
Disk Subsystem: 1 x 36GB Seagate 15K U320
Other Hardware:

Software

Operating System: Windows XP Professional (SP1)
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)

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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
```