CFP2000 Result

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Dell

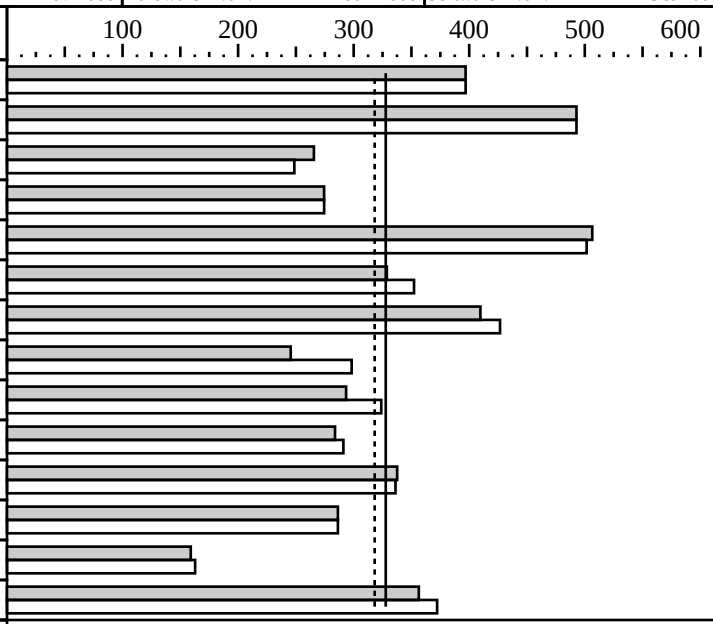
Precision WorkStation 420 (933 MHz PIII)

SPECfp2000 = 328

SPECfp_base2000 = 318

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2000 | Hardware Avail: Jun-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	403	397	403	397
171.swim	3100	629	493	629	493
172.mgrid	1800	678	266	724	249
173.applu	2100	765	274	765	274
177.mesa	1400	276	506	279	502
178.galgel	2900	882	329	823	352
179.art	2600	635	410	609	427
183.equake	1300	529	246	436	298
187.facerec	1900	647	293	587	324
188.ammp	2200	775	284	756	291
189.lucas	2000	592	338	595	336
191.fma3d	2100	733	286	733	286
200.sixtrack	1100	692	159	676	163
301.apsi	2600	730	356	699	372



Hardware

CPU:	Pentium III
CPU MHz:	933
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	16KB(I) + 16KB(D) on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 128MB PC800 RDRAM
Disk Subsystem:	1 x 18GB Quantum Atlas 10K U160
Other Hardware:	

Software

Operating System:	Windows NT 4.0 (SP5)
Compiler:	Intel C and Fortran Compiler 5.0 for Windows NT Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxK -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise:    -Qipo -QxK  -O3 +FDO
171.swim:       -Qipo -QxK  -O3 +FDO
172.mgrid:      -Qipo -QaxK -O3 +FDO
173.applu:      -Qipo -QxK  -O3 +FDO
177.mesa:       -Qipo -QxK  -O3 -Oa +FDO shlW32M.lib
178.galgel:     -Qipo -QxK  -O3 +FDO shlW32M.lib
179.art:        -Qipo -QxK  -O3 -Oa +FDO shlW32M.lib
183.equake:     -Qipo -QxK  -Qrcd -Oa +FDO shlW32M.lib
187.facerec:    -Qipo -QxK  -O3 +FDO shlW32M.lib
188.ammp:       -Qipo -QxK  -O3 -Oa +FDO
189.lucas:      -Qipo -QxK  -O3 +FDO shlW32M.lib
191.fma3d:      -Qipo -QxK  -O3 +FDO
```

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Notes/Tuning Information (Continued)

```
200.sixtrack:   -Qipo -QxK  +FDO
301.apsi:       -Qipo -QxK  +FDO
Library ordering for 178.galgel, 187.facerec and 189.lucus (include
SmartHeap correctly with default libs): LIBS=libIEPCF90.lib libintrins.lib
libF90.lib libqwind.lib libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```