CFP2000 Result

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Dell

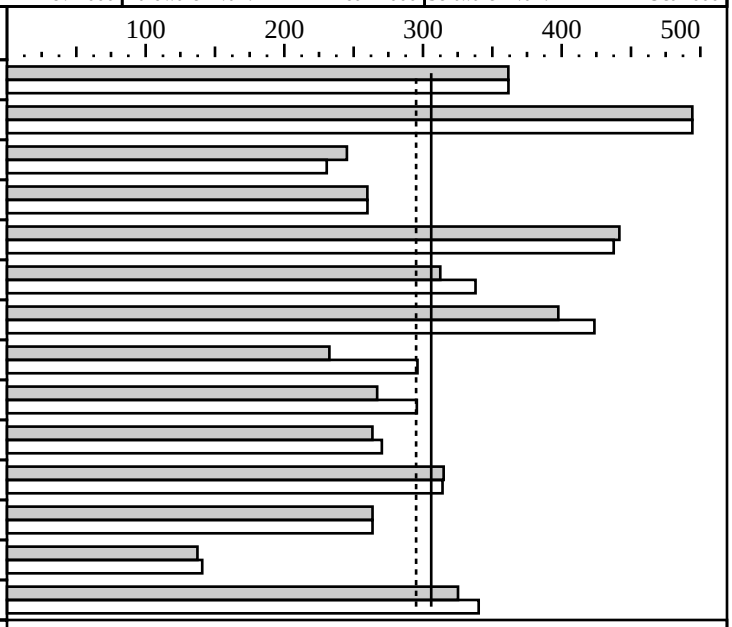
Precision WorkStation 420 (800 MHz PIII)

SPECfp2000 = 306

SPECfp_base2000 = 295

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	443	362	442	362
171.swim	3100	627	494	627	494
172.mgrid	1800	734	245	781	231
173.applu	2100	808	260	808	260
177.mesa	1400	317	442	320	438
178.galgel	2900	928	312	858	338
179.art	2600	654	398	614	424
183.equake	1300	559	232	439	296
187.facerec	1900	712	267	643	296
188.ammp	2200	835	264	814	270
189.lucas	2000	635	315	637	314
191.fma3d	2100	797	264	797	264
200.sixtrack	1100	801	137	781	141
301.apsi	2600	799	325	764	340



Hardware

CPU:	Pentium III
CPU MHz:	800
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
```