CFP2000 Result

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Dell

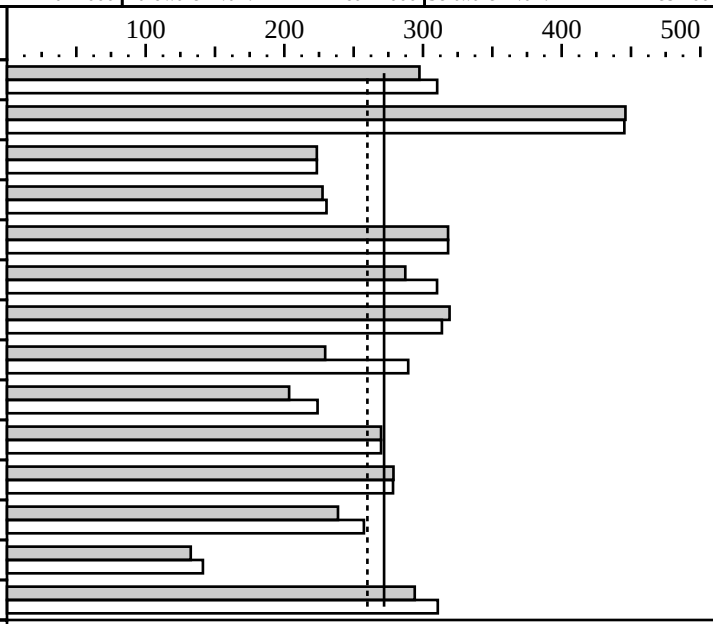
Precision WorkStation 420 (800 MHz Pentium III)

SPECfp2000 = 272

SPECfp_base2000 = 260

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	538	297	516	310
171.swim	3100	695	446	696	445
172.mgrid	1800	806	223	806	223
173.applu	2100	923	228	911	230
177.mesa	1400	440	318	440	318
178.galgel	2900	1010	287	935	310
179.art	2600	815	319	829	314
183.equake	1300	567	229	449	289
187.facerec	1900	934	203	848	224
188.ammp	2200	816	270	816	270
189.lucas	2000	718	279	718	278
191.fma3d	2100	880	239	816	257
200.sixtrack	1100	830	133	779	141
301.apsi	2600	884	294	837	311



Hardware

CPU:	800 MHz Pentium III processor
CPU MHz:	800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	256MB ECC PC800 RDRAM
Disk Subsystem:	Quantum Atlas 10K Ultra3
Other Hardware:	

Software

Operating System:	Windows NT 4.0 (SP5)
Compiler:	Intel C and Fortran Compiler 4.5 for Windows NT 4.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QaxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -Qipo_wp -QxK  +FDO
171.swim: -Qipo_wp -QaxK -O3 +FDO
172.mgrid: -Qipo_wp -QaxK -O3 +FDO
173.applu: -Qipo_wp -QxK  +FDO
177.mesa: -Qipo_wp -QaxK -O3 +FDO
178.galgel: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
179.art: -Qipo_wp -QxK +FDO
183.equake: -QxK -Qrcd -Ow -Qipo_wp +FDO
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
188.ammp: -Qipo_wp -QaxK -O3 +FDO
189.lucas: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
191.fma3d: -QxK -O1 +FDO
```

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Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo_wp -QxK  +FDO
301.apsi: -Qipo_wp -QxK  +FDO
133 MHz front side bus
```