CFP2000 Result

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Dell

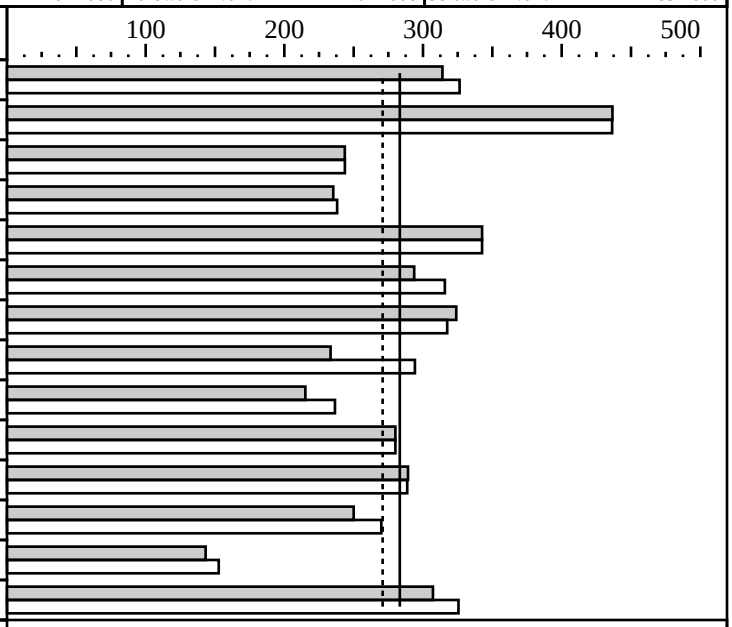
Precision WorkStation 420 (866 MHz Pentium III)

SPECfp2000 = 283

SPECfp_base2000 = 271

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	510	314	490	326
171.swim	3100	710	437	710	436
172.mgrid	1800	739	244	739	244
173.applu	2100	893	235	882	238
177.mesa	1400	409	343	409	343
178.galgel	2900	988	294	918	316
179.art	2600	803	324	819	317
183.equake	1300	557	233	442	294
187.facerec	1900	883	215	803	237
188.ammp	2200	785	280	785	280
189.lucas	2000	692	289	693	289
191.fma3d	2100	840	250	778	270
200.sixtrack	1100	768	143	720	153
301.apsi	2600	846	307	799	326



Hardware

CPU:	866 MHz Pentium III processor
CPU MHz:	866
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