



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.quake	1300	567	229	449	289
187.facerec	1900	934	203	848	224
188.amp	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.quake: -QxK -Qrcd -Ow -Qipo_wp +FDO
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
188.amp: -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)

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