



CFP2000 Result

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Dell
Precision WorkStation 420 (1.0 GHz Pentium III)

SPECfp2000 = **304**
SPECfp_base2000 = **292**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500				
168.wupwise	1600	464	345	449	357	[Bar chart showing ratio 357]				
171.swim	3100	693	447	690	449	[Bar chart showing ratio 449]				
172.mgrid	1800	716	251	716	251	[Bar chart showing ratio 251]				
173.applu	2100	842	250	837	251	[Bar chart showing ratio 251]				
177.mesa	1400	358	391	358	391	[Bar chart showing ratio 391]				
178.galgel	2900	939	309	877	331	[Bar chart showing ratio 331]				
179.art	2600	786	331	799	325	[Bar chart showing ratio 325]				
183.earthquake	1300	526	247	428	304	[Bar chart showing ratio 304]				
187.facerec	1900	803	237	733	259	[Bar chart showing ratio 259]				
188.amp	2200	732	301	732	301	[Bar chart showing ratio 301]				
189.lucas	2000	645	310	645	310	[Bar chart showing ratio 310]				
191.fma3d	2100	769	273	717	293	[Bar chart showing ratio 293]				
200.sixtrack	1100	668	165	627	175	[Bar chart showing ratio 175]				
301.apsi	2600	770	338	727	357	[Bar chart showing ratio 357]				

Hardware

CPU: 1.0 GHz Pentium III processor
 CPU MHz: 1000
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 16KBI + 16KBD on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: None
 Other Cache: None
 Memory: 256 MB ECC PC800 RDRAM
 Disk Subsystem: 1 x 9.1GB Quantum Atlas 10K Ultra3
 Other Hardware:

Software

Operating System: Windows NT 4.0 (SP5)
 Compiler: Intel C/C++ and Fortran Compiler 4.5 for Windows NT 4.0
 Microsoft Visual Studio 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: -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 shlw32M.lib
183.earthquake: -QxK -Qrcd -Ow -Qipo_wp +FDO shlw32M.lib
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
```