



# CFP2000 Result

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**Dell**  
Precision Workstation 380 (3.8 GHz Pentium 4, 2MB L2)

SPECfp2000 = 1984  
SPECfp\_base2000 = 1976

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: May-2005 Hardware Avail: Jun-2005 Software Avail: Dec-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	56.0	2856	56.0	2856	
171.swim	3100	119	2611	119	2611	
172.mgrid	1800	107	1686	107	1686	
173.applu	2100	128	1647	128	1639	
177.mesa	1400	84.3	1661	84.3	1661	
178.galgel	2900	76.5	3792	76.5	3792	
179.art	2600	55.8	4658	55.8	4658	
183.quake	1300	60.0	2166	60.1	2164	
187.facerec	1900	91.5	2076	91.4	2078	
188.amp	2200	163	1352	157	1405	
189.lucas	2000	84.8	2357	84.1	2377	
191.fma3d	2100	128	1636	128	1636	
200.sixtrack	1100	161	683	159	694	
301.apsi	2600	183	1418	183	1418	

### Hardware

CPU: Intel Pentium 4 (800 MHz system bus)  
CPU MHz: 3800  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip  
Secondary Cache: 2048KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 x 512MB ECC CL4 533MHz DDR2 SDRAM  
Disk Subsystem: 1 x 80GB SATA 7200 RPM  
Other Hardware:

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel C/C++ Compiler 8.1 (20041119Z)  
Intel Fortran Compiler 8.1 (20041119Z)  
Microsoft Visual Studio .NET 2003(7.1.3088)  
File System: NTFS  
System State: Default

## Notes/Tuning Information

### GENERAL

ONESTEP=yes  
+FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

### PORTABILITY

178.galgel: -FI /F3200000  
191.fma3d: srcalt=windowsdp

### BASE TUNING

C/F77/F90: -fast -Qansi\_alias +FDO

### PEAK TUNING

168.wupwise: basepeak=yes  
171.swim: basepeak=yes  
172.mgrid: basepeak=yes  
173.applu: -fast -Qansi\_alias -Qscalar\_rep- -Qauto +FDO  
177.mesa: basepeak=yes  
178.galgel: basepeak=yes  
179.art: basepeak=yes  
183.quake: -fast -Qansi\_alias -Oa -Qrcd +FDO



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## Notes/Tuning Information (Continued)

```
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.ammf: -Oa -QxP
189.lucas: -fast
191.fma3d: basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi: basepeak=yes
```