



# CFP2000 Result

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**Dell**  
Precision Workstation 360 (3.4 GHz Pentium 4 Extreme Edition)

SPECfp2000 = **1548**  
SPECfp\_base2000 = **1544**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	91.9	1741	91.9	1741	
171.swim	3100	136	2272	136	2272	
172.mgrid	1800	139	1294	139	1294	
173.applu	2100	153	1376	147	1431	
177.mesa	1400	93.0	1506	93.1	1503	
178.galgel	2900	95.5	3038	95.5	3038	
179.art	2600	113	2297	116	2241	
183.earthquake	1300	84.8	1533	84.8	1532	
187.facerec	1900	111	1711	109	1742	
188.ammmp	2200	172	1280	172	1280	
189.lucas	2000	116	1728	115	1733	
191.fma3d	2100	161	1308	161	1308	
200.sixtrack	1100	165	665	165	665	
301.apsi	2600	222	1172	222	1172	

### Hardware

CPU: Intel Pentium 4 (800 MHz system bus)  
 CPU MHz: 3400  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (HT Technology NOT enabled)  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip  
 Secondary Cache: 512KB(I+D) on chip  
 L3 Cache: 2048KB(I+D) on chip  
 Other Cache: N/A  
 Memory: 4 x 512MB ECC CL3 DDR400 SDRAM  
 Disk Subsystem: 1 x 40GB ATA/100 7200 RPM  
 Other Hardware:

### Software

Operating System: Windows XP Professional SP1  
 Compiler: Intel C/C++ Compiler 8.0 (20040318Z)  
 Intel Fortran Compiler 8.0 (20040304Z)  
 Microsoft Visual Studio .NET (7.0.9466)  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

### GENERAL

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

### PORTABILITY

178.galgel: -FI /F32000000

### BASE TUNING

C/F77/F90: -QxN -Qipo -O3 +FDO

### PEAK TUNING

168.wupwise: basepeak=yes  
 171.swim: basepeak=yes  
 172.mgrid: basepeak=yes  
 173.applu: -QxN -Qipo -O3 -Qscalar\_rep- -Qauto +FDO  
 177.mesa: -QxN -Qipo -O3 -Oa +FDO  
 178.galgel: basepeak=yes  
 179.art: -Qipo -Oa -Qunroll4 -Zp4  
 183.earthquake: -QxN -Qipo -O3 -Oa -Qrcd +FDO  
 187.facerec: -QaxN -Qipo -O3 -Qunroll1 -Qscalar\_rep- +FDO



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## Notes/Tuning Information (Continued)

188. ammp: basepeak=yes  
189. lucas: -QaxN -Qipo -O3  
191. fma3d: basepeak=yes  
200. sixtrack: basepeak=yes  
301. apsi: basepeak=yes