



CFP2000 Result

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Dell
Precision Workstation 370 (3.6 GHz Pentium 4, 2MB L2)

SPECfp2000 = 1916
SPECfp_base2000 = 1905

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	58.2	2749	58.2	2749	
171.swim	3100	121	2564	121	2564	
172.mgrid	1800	112	1611	112	1611	
173.applu	2100	133	1579	133	1582	
177.mesa	1400	88.7	1578	88.7	1578	
178.galgel	2900	79.7	3637	79.7	3637	
179.art	2600	57.4	4533	57.4	4533	
183.quake	1300	62.4	2083	61.8	2104	
187.facerec	1900	94.3	2014	93.7	2027	
188.amp	2200	164	1338	157	1398	
189.lucas	2000	87.0	2299	86.7	2306	
191.fma3d	2100	134	1573	134	1573	
200.sixtrack	1100	170	648	167	657	
301.apsi	2600	192	1355	192	1355	

Hardware

CPU: Intel® Pentium® 4 Processor 660 (800 MHz system bus)
CPU MHz: 3600
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, for libraries)
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.amp: -Oa -QxP
189.lucas: -fast
191.fma3d: basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi: basepeak=yes
```