



CFP2000 Result

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

SPECfp2000 = **2091**
SPECfp_base2000 = **2088**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	54.5	2935	54.5	2935	
171.swim	3100	112	2761	112	2761	
172.mgrid	1800	107	1682	107	1682	
173.applu	2100	122	1728	121	1742	
177.mesa	1400	84.4	1659	84.4	1659	
178.galgel	2900	73.8	3930	73.8	3930	
179.art	2600	51.4	5056	51.4	5056	
183.quake	1300	42.4	3069	42.4	3068	
187.facerec	1900	86.4	2199	86.4	2198	
188.amp	2200	166	1325	164	1343	
189.lucas	2000	83.9	2384	83.9	2384	
191.fma3d	2100	126	1661	126	1661	
200.sixtrack	1100	147	749	147	749	
301.apsi	2600	178	1458	178	1458	

Hardware

CPU: Intel Pentium 4 670 (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 1024MB 533MHz non-ECC CL4 DDR2 SDRAM
Disk Subsystem: 1 x 80GB 7200 RPM SATA
Other Hardware:

Software

Operating System: Windows XP Professional SP2
Compiler: Intel C/C++ Compiler 9.0 for IA32(20051020Z)
Intel Fortran Compiler 9.0 for IA32(20051020Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
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

FORTRAN: -fast -Qansi_alias +FDO
177.mesa: -fast +FDO shlW32M.lib
179.art: -fast +FDO shlW32M.lib
183.quake: -fast +FDO shlW32M.lib
188.amp: -fast +FDO shlW32M.lib

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



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Notes/Tuning Information (Continued)

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178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -fast -Oa shlW32M.lib
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: -fast +FDO
301.apsi: basepeak=yes
```