



CFP2000 Result

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Dell
Precision Workstation 380 (3.4 GHz, Intel Pentium D 950)

SPECfp_rate2000 = 36.9
SPECfp_rate_base2000 = 36.8

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Jan-2006 | Software Avail: Oct-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	66.5	55.8	2	66.5	55.8
171.swim	2	215	33.5	2	215	33.5
172.mgrid	2	140	29.8	2	140	29.8
173.applu	2	169	28.8	2	166	29.4
177.mesa	2	95.0	34.2	2	95.0	34.2
178.galgel	2	89.2	75.5	2	89.2	75.5
179.art	2	68.6	88.0	2	68.6	88.0
183.equake	2	67.5	44.7	2	67.7	44.6
187.facerec	2	104	42.5	2	104	42.3
188.amp	2	191	26.7	2	188	27.2
189.lucas	2	142	32.6	2	142	32.6
191.fma3d	2	164	29.8	2	164	29.8
200.sixtrack	2	163	15.7	2	163	15.7
301.apsi	2	204	29.6	2	204	29.6

Hardware

CPU: Intel Pentium D 950 (800 MHz system bus)
CPU MHz: 3400
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
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.equake: -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)

```
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
```