CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

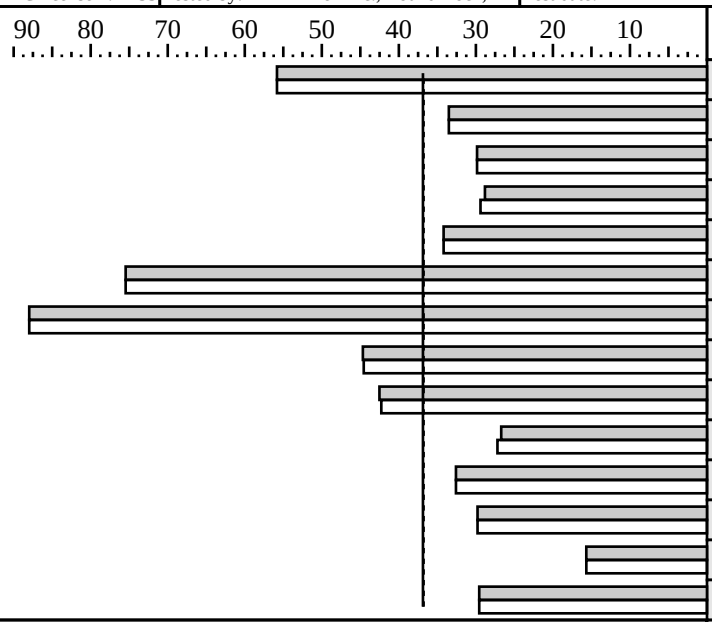
Dell

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.ammp	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.ammp:     -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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
178.galgel:   basepeak=yes
179.art:      basepeak=yes
183.equake:   -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa shlW32M.lib
189.lucas:    basepeak=yes
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```