CFP2000 Result

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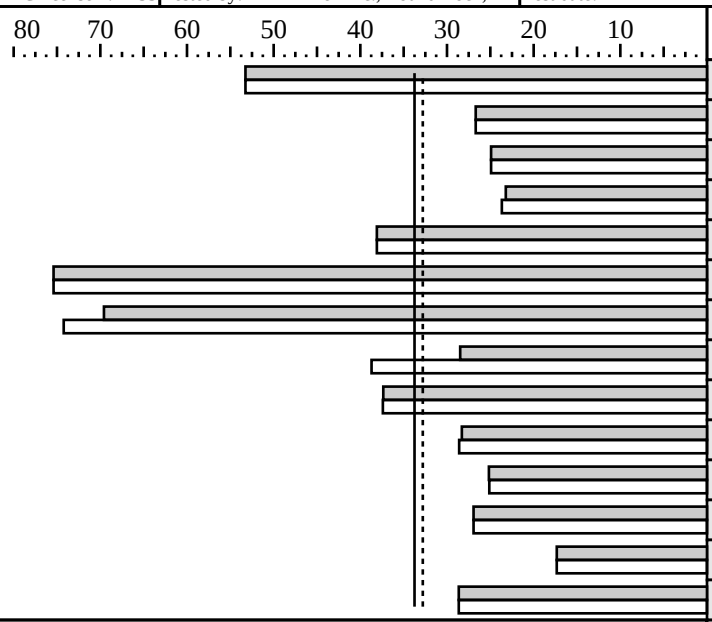
Dell

Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECfp_rate2000 = 33.7

SPECfp_rate_base2000 = 32.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	69.7	53.3	2	69.7	53.3
171.swim	2	270	26.7	2	270	26.7
172.mgrid	2	168	24.9	2	168	24.9
173.applu	2	210	23.2	2	206	23.7
177.mesa	2	85.3	38.1	2	85.3	38.1
178.galgel	2	89.2	75.4	2	89.2	75.4
179.art	2	86.7	69.6	2	81.3	74.2
183.equake	2	106	28.5	2	77.9	38.7
187.facerec	2	118	37.4	2	118	37.4
188.ammp	2	180	28.3	2	178	28.6
189.lucas	2	184	25.2	2	185	25.1
191.fma3d	2	181	26.9	2	181	26.9
200.sixtrack	2	147	17.3	2	147	17.3
301.apsi	2	211	28.6	2	211	28.6

Hardware

CPU:	Intel Xeon (800 MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
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:	2x1024MB,4x512MB 400MHz ECC CL3 DDR2 SDRAM
Disk Subsystem:	1x160GB SATA 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C/C++ Compiler 9.0 for IA32(20050809Z) Intel Fortran Compiler 9.0 for IA32(20050809Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 7.1
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:    -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:      -fast -Qansi_alias +FDO shlW32M.lib
  183.equake:   -fast -Qansi_alias -Oa -Qrcd +FDO shlW32M.lib
  187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
188.ammp:     -fast -Oa
189.lucas:    -fast +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```