CFP2000 Result

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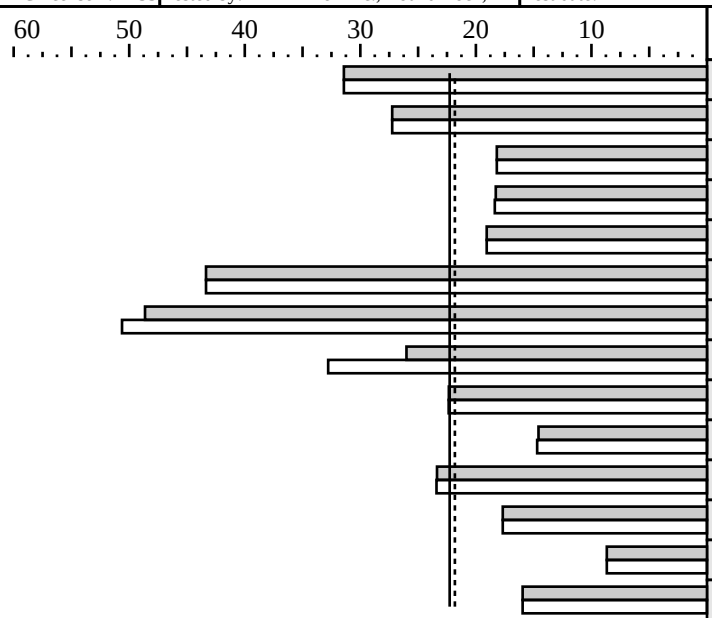
Dell

Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECfp_rate2000 = 22.3

SPECfp_rate_base2000 = 21.8

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	1	59.1	31.4	1	59.1	31.4
171.swim	1	132	27.2	1	132	27.2
172.mgrid	1	115	18.2	1	115	18.2
173.applu	1	133	18.3	1	133	18.4
177.mesa	1	85.2	19.1	1	85.2	19.1
178.galgel	1	77.6	43.4	1	77.6	43.4
179.art	1	62.0	48.6	1	59.6	50.6
183.equake	1	58.0	26.0	1	46.0	32.8
187.facerec	1	98.7	22.3	1	98.6	22.4
188.ammp	1	175	14.6	1	174	14.7
189.lucas	1	99.3	23.4	1	99.1	23.4
191.fma3d	1	138	17.7	1	138	17.7
200.sixtrack	1	147	8.67	1	147	8.67
301.apsi	1	189	16.0	1	189	16.0

Hardware

CPU:	Intel Xeon (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:	1,2
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
  NOTES
    1 CPU disabled in the BIOS.
```