CFP2000 Result

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Dell

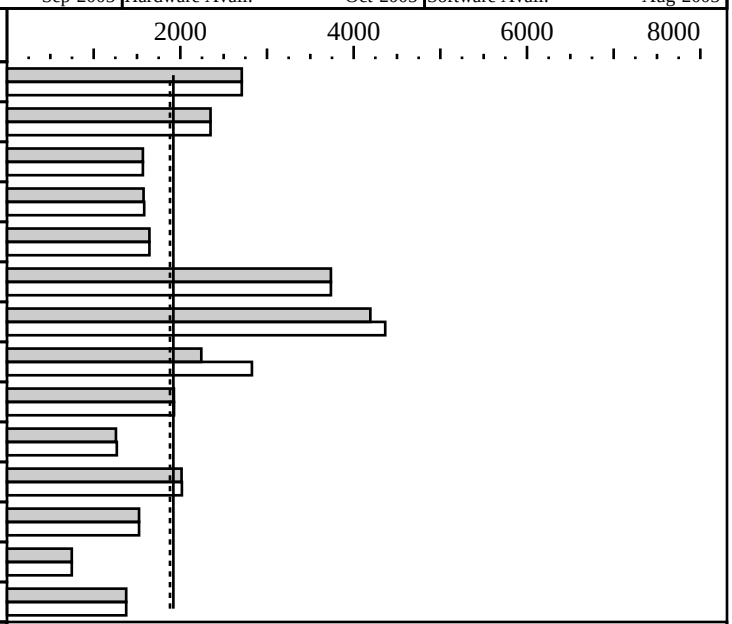
Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECfp2000 = 1920

SPECfp_base2000 = 1881

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	59.1	2709	59.1	2709
171.swim	3100	132	2348	132	2348
172.mgrid	1800	115	1568	115	1568
173.applu	2100	133	1576	133	1583
177.mesa	1400	85.2	1643	85.2	1643
178.galgel	2900	77.6	3737	77.6	3737
179.art	2600	62.0	4192	59.6	4364
183.equake	1300	58.0	2242	46.0	2826
187.facerec	1900	98.7	1926	98.6	1927
188.ammp	2200	175	1257	174	1267
189.lucas	2000	99.3	2014	99.1	2018
191.fma3d	2100	138	1524	138	1524
200.sixtrack	1100	147	747	147	747
301.apsi	2600	189	1375	189	1375



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.
```