CFP2000 Result

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Dell

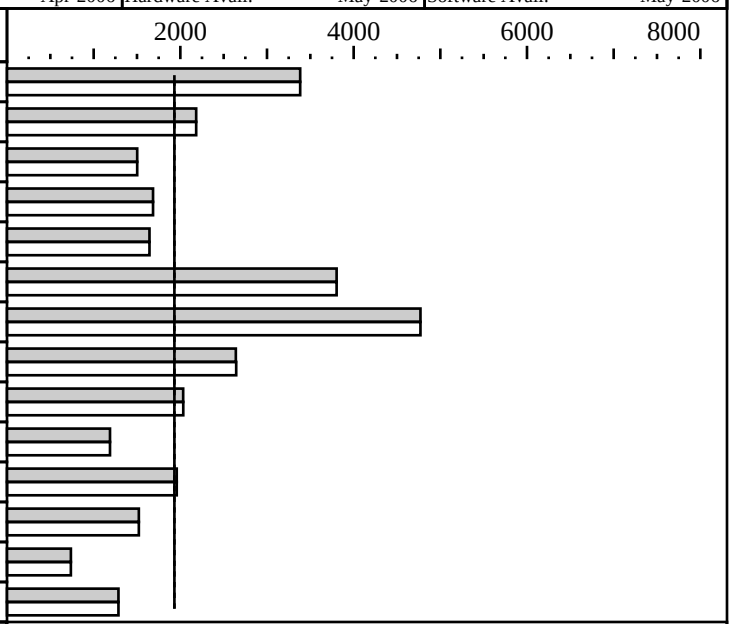
Precision Workstation 690 (Intelfi Xeonfi processor 5080, 3.73 GHz)

SPECfp2000 = 1932

SPECfp_base2000 = 1931

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2006 | Hardware Avail: May-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	47.3	3383	47.3	3383
171.swim	3100	142	2183	142	2183
172.mgrid	1800	120	1502	120	1502
173.applu	2100	125	1685	125	1685
177.mesa	1400	85.2	1644	85.2	1644
178.galgel	2900	76.3	3803	76.3	3803
179.art	2600	54.5	4771	54.5	4771
183.equake	1300	49.2	2640	49.2	2645
187.facerec	1900	93.5	2033	93.4	2034
188.ammp	2200	185	1188	185	1188
189.lucas	2000	102	1958	102	1958
191.fma3d	2100	138	1521	138	1521
200.sixtrack	1100	149	737	149	737
301.apsi	2600	202	1286	202	1286



Hardware

CPU:	Intelfi Xeonfi processor 5080 (1066 MHz system bus)
CPU MHz:	3733
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
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 512MB 533MHz ECC CL4 DDR2 FB-DIMM
Disk Subsystem:	1 x 73GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C/C++ Compiler 9.1 for IA32(20060323Z) Intel Fortran Compiler 9.1 for IA32(20060323Z) 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:    basepeak=yes
  177.mesa:     basepeak=yes
```

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