CFP2000 Result

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Dell

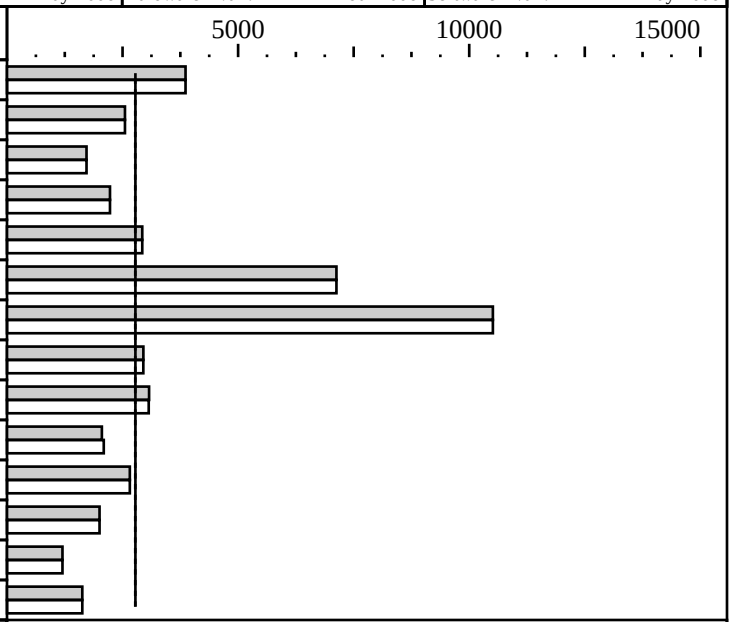
Precision Workstation 690 (Intelfi Xeonfi processor 5160, 3.0 GHz)

SPECfp2000 = 2778

SPECfp_base2000 = 2775

SPEC license #: 55 | Tested by: Dell, Inc. | Test date: May-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	41.4	3863	41.4	3863
171.swim	3100	121	2552	121	2552
172.mgrid	1800	105	1720	105	1720
173.applu	2100	94.3	2228	94.3	2228
177.mesa	1400	47.8	2926	47.8	2926
178.galgel	2900	40.7	7127	40.7	7127
179.art	2600	24.7	10512	24.7	10512
183.equake	1300	44.1	2950	44.1	2949
187.facerec	1900	61.8	3074	62.0	3066
188.ammp	2200	107	2052	105	2093
189.lucas	2000	75.3	2657	75.3	2657
191.fma3d	2100	105	2002	105	2002
200.sixtrack	1100	91.7	1200	91.7	1200
301.apsi	2600	160	1629	160	1629



Hardware

CPU:	Intelfi Xeonfi processor 5160 (1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 1024MB 667MHz CL5 DDR2 FB-DIMM
Disk Subsystem:	1 x 73 GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional x64 Edition SP1
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:     -fast -Oa shlW32M.lib
189.lucas:    basepeak=yes
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```