CINT2000 Result

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Dell

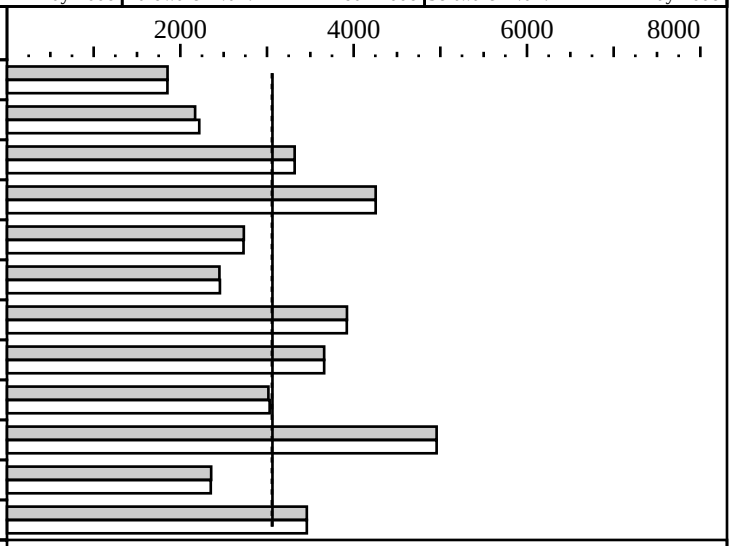
Precision Workstation 690 (Intelfi Xeonfi processor 5160, 3.0 GHz)

SPECint2000 = 3063

SPECint_base2000 = 3057

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	75.6	1852	75.6	1851
175.vpr	1400	64.5	2171	63.1	2218
176.gcc	1100	33.1	3319	33.1	3319
181.mcf	1800	42.3	4254	42.3	4254
186.crafty	1000	36.6	2733	36.6	2729
197.parser	1800	73.4	2451	73.3	2457
252.eon	1300	33.1	3923	33.2	3921
253.perlbmk	1800	49.2	3660	49.2	3660
254.gap	1100	36.5	3016	36.3	3031
255.vortex	1900	38.3	4957	38.3	4957
256.bzip2	1500	63.7	2356	63.8	2351
300.twolf	3000	86.7	3459	86.7	3459



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) 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 FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafty:  -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
BASE TUNING
  C:           -fast +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
254.gap:     -fast +FDO
255.vortex   basepeak=yes
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   basepeak=yes
```