CINT2000 Result

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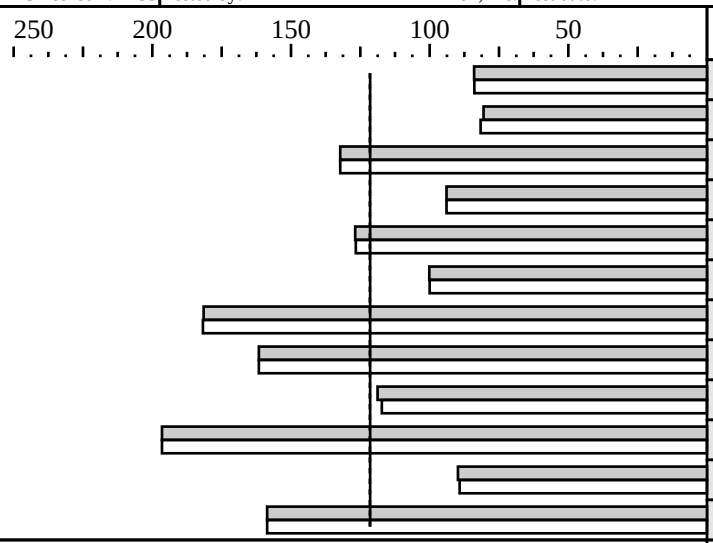
Dell

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

SPECint_rate2000 = 121

SPECint_rate_base2000 = 122

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	77.4	84.0	4	77.4	83.9
175.vpr	4	80.6	80.6	4	79.6	81.6
176.gcc	4	38.6	132	4	38.6	132
181.mcf	4	88.9	93.9	4	88.9	93.9
186.crafty	4	36.6	127	4	36.6	127
197.parser	4	83.4	100	4	83.5	100
252.eon	4	33.2	182	4	33.2	182
253.perlbmk	4	51.7	162	4	51.7	162
254.gap	4	43.0	119	4	43.5	117
255.vortex	4	44.9	197	4	44.9	197
256.bzip2	4	77.5	89.8	4	78.0	89.2
300.twolf	4	87.8	159	4	87.8	159

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
```