CINT2000 Result

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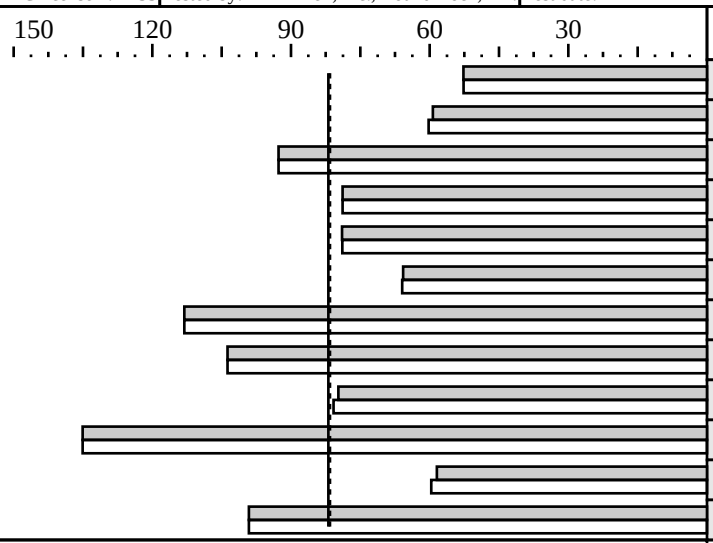
Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECint_rate2000 = 81.9

SPECint_rate_base2000 = 81.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	123	52.7	4	123	52.7
175.vpr	4	110	59.3	4	108	60.2
176.gcc	4	55.1	92.7	4	55.1	92.7
181.mcf	4	106	78.8	4	106	78.8
186.crafty	4	58.8	79.0	4	58.8	78.9
197.parser	4	127	65.7	4	127	65.9
252.eon	4	53.3	113	4	53.3	113
253.perlbmk	4	80.5	104	4	80.5	104
254.gap	4	64.0	79.8	4	63.2	80.8
255.vortex	4	65.3	135	4	65.3	135
256.bzip2	4	119	58.4	4	117	59.7
300.twolf	4	140	99.1	4	140	99.1

Hardware

CPU:	Intel Xeon processor 5120 (1066 MHz system bus)
CPU MHz:	1866
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 512MB 533MHz ECC CL4 FB-DIMM DDR2 SDRAM
Disk Subsystem:	1 x 73GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional x64 Edition
Compiler:	Intel C++ Compiler 9.1 for IA32(20060519Z) 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
```