CINT2000 Result

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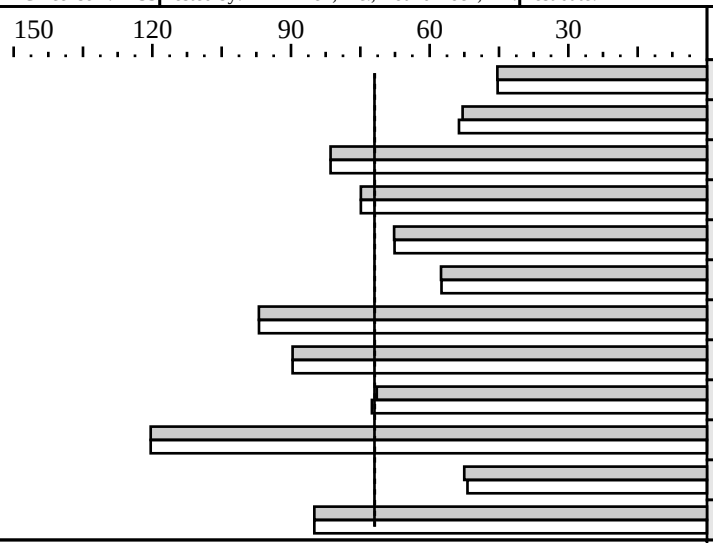
Dell

Precision Workstation 690 (Intel Xeon processor 5110, 1.60 GHz)

SPECint_rate2000 = 71.9

SPECint_rate_base2000 = 71.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	143	45.4	4	143	45.3
175.vpr	4	123	52.9	4	121	53.7
176.gcc	4	62.7	81.4	4	62.7	81.4
181.mcf	4	112	74.9	4	112	74.9
186.crafty	4	68.5	67.7	4	68.6	67.6
197.parser	4	145	57.5	4	145	57.4
252.eon	4	62.2	96.9	4	62.2	96.9
253.perlbmk	4	93.2	89.7	4	93.2	89.7
254.gap	4	71.4	71.4	4	70.4	72.5
255.vortex	4	73.3	120	4	73.3	120
256.bzip2	4	133	52.5	4	134	51.8
300.twolf	4	164	85.0	4	164	85.0

Hardware

CPU:	Intel Xeon processor 5110 (1066 MHz system bus)
CPU MHz:	1600
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
```