CINT2000 Result

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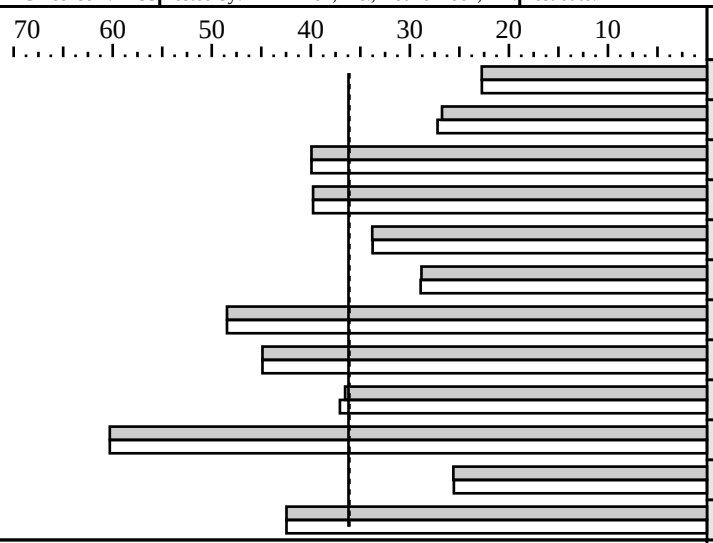
Dell

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

SPECint_rate2000 = 36.2

SPECint_rate_base2000 = 36.1

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	2	143	22.7	2	143	22.7
175.vpr	2	121	26.8	2	119	27.2
176.gcc	2	63.9	39.9	2	63.9	39.9
181.mcf	2	105	39.8	2	105	39.8
186.crafty	2	68.6	33.8	2	68.7	33.8
197.parser	2	145	28.8	2	144	28.9
252.eon	2	62.2	48.5	2	62.2	48.5
253.perlbmk	2	93.0	44.9	2	93.0	44.9
254.gap	2	69.8	36.5	2	68.9	37.1
255.vortex	2	73.1	60.3	2	73.1	60.3
256.bzip2	2	136	25.6	2	136	25.6
300.twolf	2	164	42.5	2	164	42.5

Hardware

CPU:	Intel Xeon processor 5110 (1066 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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
```