CINT2000 Result

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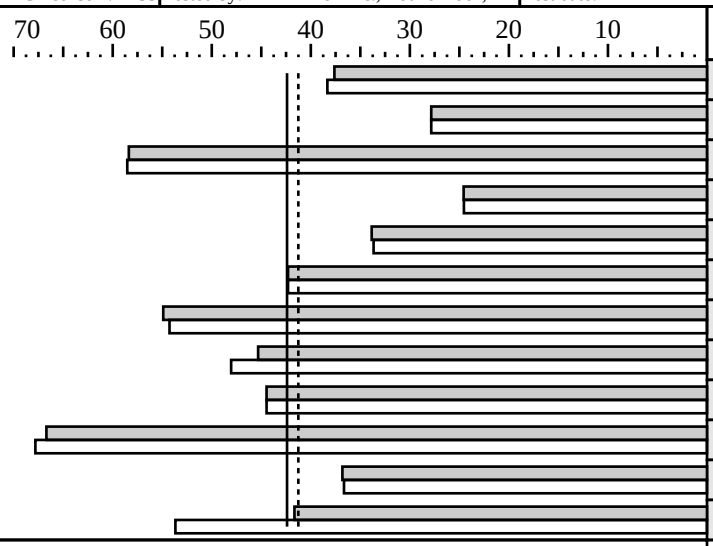
Dell

Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECint_rate2000 = 42.4

SPECint_rate_base2000 = 41.3

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Sep-2005 | Hardware Avail: Oct-2005 | Software Avail: Aug-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	173	37.6	4	169	38.3
175.vpr	4	233	27.8	4	233	27.8
176.gcc	4	87.4	58.4	4	87.2	58.5
181.mcf	4	340	24.6	4	340	24.5
186.crafty	4	137	33.9	4	138	33.7
197.parser	4	197	42.3	4	197	42.3
252.eon	4	110	54.9	4	111	54.3
253.perlbmk	4	184	45.3	4	174	48.0
254.gap	4	115	44.5	4	115	44.5
255.vortex	4	132	66.7	4	130	67.8
256.bzip2	4	189	36.8	4	190	36.6
300.twolf	4	334	41.7	4	259	53.7

Hardware

CPU:	Intel Xeon (800 MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x1024MB,4x512MB 400MHz ECC CL3 DDR2 SDRAM
Disk Subsystem:	1x160GB SATA 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C/C++ Compiler 9.0 for IA32(20050809Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 7.1
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 -Qansi_alias +FDO
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     basepeak=yes
  176.gcc:     -fast +FDO shlW32M.lib
  181.mcf:     -fast +FDO shlW32M.lib
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -fast +FDO
  253.perlbmk: -fast -Qansi_alias +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
254.gap:     basepeak=yes
255.vortex   -fast +FDO shlW32M.lib
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   -fast +FDO shlW32M.lib
```