CINT2000 Result

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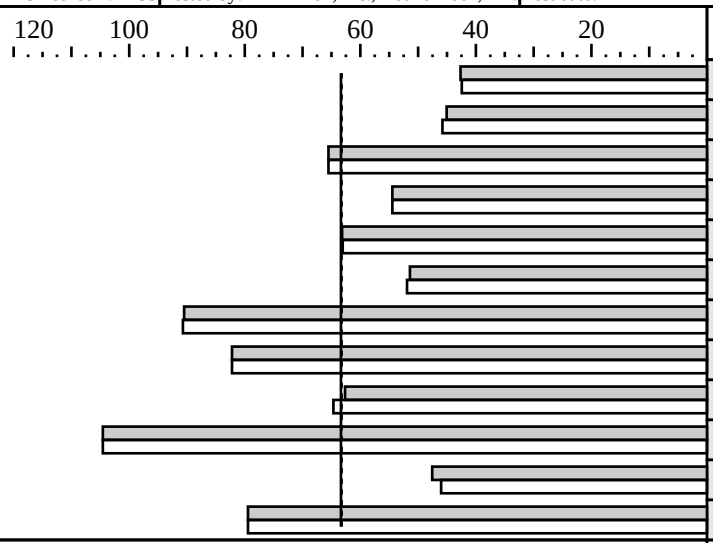
Dell

Precision Workstation 690 (Intel Xeon 5160, 3.00 GHz)

SPECint_rate2000 = 63.4

SPECint_rate_base2000 = 63.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	76.1	42.7	2	76.5	42.4
175.vpr	2	72.1	45.1	2	70.9	45.8
176.gcc	2	39.0	65.5	2	39.0	65.5
181.mcf	2	76.7	54.5	2	76.7	54.5
186.crafty	2	36.7	63.2	2	36.8	63.0
197.parser	2	81.2	51.4	2	80.4	51.9
252.eon	2	33.3	90.5	2	33.3	90.7
253.perlbmk	2	50.8	82.2	2	50.8	82.2
254.gap	2	40.7	62.6	2	39.5	64.7
255.vortex	2	42.2	105	2	42.2	105
256.bzip2	2	73.2	47.6	2	75.6	46.0
300.twolf	2	87.6	79.4	2	87.6	79.4

Hardware

CPU:	Quad-Core Intel Xeon processor 5160 (1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB 667 MHz CL5 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
  BIOS Settings
    Snoop Filter OFF
    Adjacent Cache Line Prefetch ON
```