CINT2000 Result

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Dell

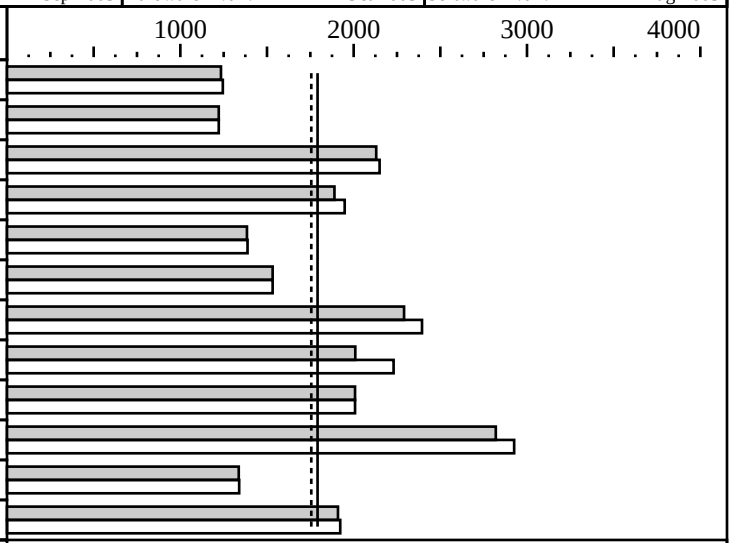
Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECint2000 = 1792

SPECint_base2000 = 1756

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	113	1235	112	1245
175.vpr	1400	115	1222	115	1222
176.gcc	1100	51.6	2130	51.2	2150
181.mcf	1800	95.3	1889	92.4	1948
186.crafty	1000	72.2	1384	72.1	1388
197.parser	1800	117	1533	117	1533
252.eon	1300	56.8	2291	54.3	2394
253.perlbmk	1800	89.6	2009	80.7	2230
254.gap	1100	54.8	2008	54.8	2008
255.vortex	1900	67.4	2820	64.9	2926
256.bzip2	1500	112	1337	112	1339
300.twolf	3000	157	1909	156	1922



Hardware

CPU:	Intel Xeon (800 MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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
  NOTES
    1 CPU disabled in the BIOS.
```