CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

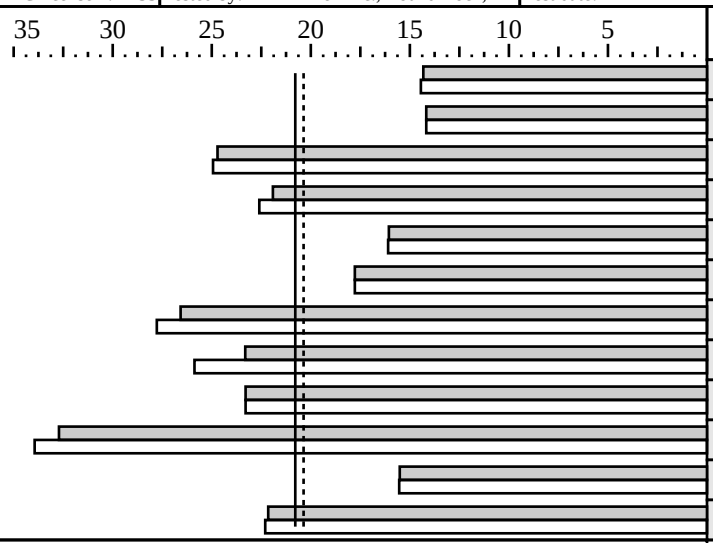
Dell

Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECint_rate2000 = 20.8

SPECint_rate_base2000 = 20.4

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	1	113	14.3	1	112	14.4
175.vpr	1	115	14.2	1	115	14.2
176.gcc	1	51.6	24.7	1	51.2	24.9
181.mcf	1	95.3	21.9	1	92.4	22.6
186.crafty	1	72.2	16.1	1	72.1	16.1
197.parser	1	117	17.8	1	117	17.8
252.eon	1	56.8	26.6	1	54.3	27.8
253.perlbmk	1	89.6	23.3	1	80.7	25.9
254.gap	1	54.8	23.3	1	54.8	23.3
255.vortex	1	67.4	32.7	1	64.9	33.9
256.bzip2	1	112	15.5	1	112	15.5
300.twolf	1	157	22.2	1	156	22.3

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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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.
```