CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

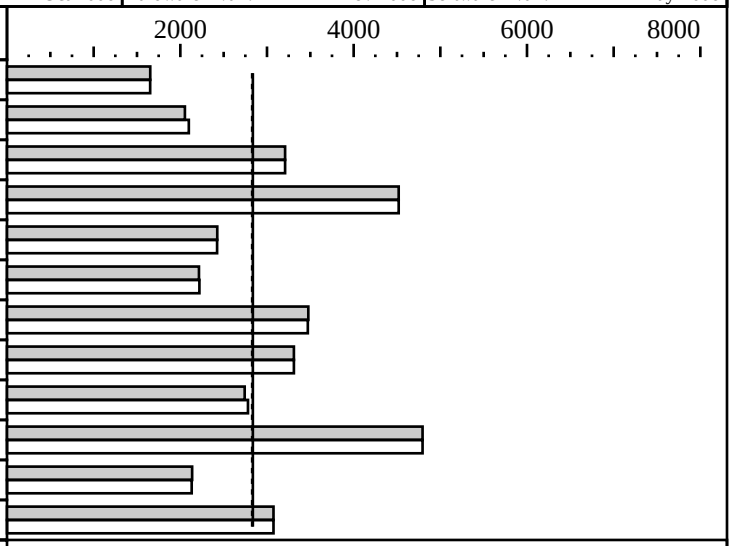
Precision Workstation 390 (Intel Core 2 Extreme QX6700, 2.66 GHz)

SPECint2000 = 2837

SPECint_base2000 = 2829

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	84.7	1653	84.8	1652
175.vpr	1400	68.2	2053	66.7	2098
176.gcc	1100	34.3	3209	34.3	3209
181.mcf	1800	39.8	4519	39.8	4519
186.crafty	1000	41.2	2426	41.3	2424
197.parser	1800	81.3	2215	81.1	2220
252.eon	1300	37.4	3477	37.5	3471
253.perlbmk	1800	54.4	3310	54.4	3310
254.gap	1100	40.1	2742	39.6	2780
255.vortex	1900	39.6	4795	39.6	4795
256.bzip2	1500	70.2	2136	70.4	2131
300.twolf	3000	97.6	3075	97.6	3075



Hardware

CPU:	Intel Core 2 Quad Extreme processor QX6700 (1066 MHz system bus)
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	8 MB I+D on chip, per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (4 x 1 GB 667 MHz ECC CL5 DDR2 SDRAM)
Disk Subsystem:	1 x 80GB SATA 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP2
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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