CINT2000 Result

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Intel(R) Corporation

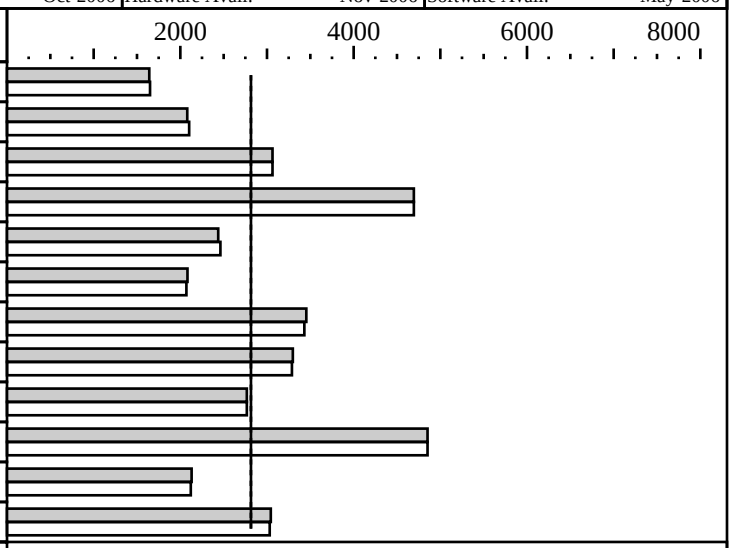
Intel(R) D975XBX2 motherboard(2.67 GHz, Intel(R) Core(TM) 2 Extreme processor QX6700)

SPECint2000 = 2815

SPECint_base2000 = 2815

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Oct-2006 | Hardware Avail: Nov-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	85.3	1642	84.8	1650
175.vpr	1400	67.3	2080	66.6	2102
176.gcc	1100	35.9	3064	35.9	3064
181.mcf	1800	38.3	4694	38.3	4694
186.crafty	1000	41.0	2437	40.6	2462
197.parser	1800	86.4	2082	87.0	2070
252.eon	1300	37.6	3454	37.9	3431
253.perlbmk	1800	54.6	3298	54.8	3288
254.gap	1100	39.8	2767	39.8	2767
255.vortex	1900	39.2	4852	39.2	4852
256.bzip2	1500	70.4	2130	70.7	2121
300.twolf	3000	98.6	3044	99.0	3031



Hardware

CPU:	Intel(R) Core(TM) 2 Extreme processor QX6700(2.67 GHz, 1066 MHz bus)
CPU MHz:	2667
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD per core, on chip
Secondary Cache:	8 MB(I+D) per chip, on chip (4MB shared per 2 cores)
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB Micron MT16HTF12864AY-80ED4 DDR2 800, CL5)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	nVidia Quad SLI GeForce 7950 GX2 PCI Express graphics card

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ Compiler 9.1 for 32-bit applications Build 20060323Z Package ID: W_CC_P_9.1.020 Microsoft Visual Studio 2005(for libraries) SmartHeap Library Version 8.0 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M-80.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M-80.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon:     -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M-80.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M-80.lib
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
Product description located as of 11/2006
http://www.intel.com/products/motherboard/D975XBX2/index.htm
shlw32m-80.lib is the V8.0 SmartHeap library renamed to co-exist with older versions
The system bus runs at 1066 MHz
```