SPEC® CINT2006 Result

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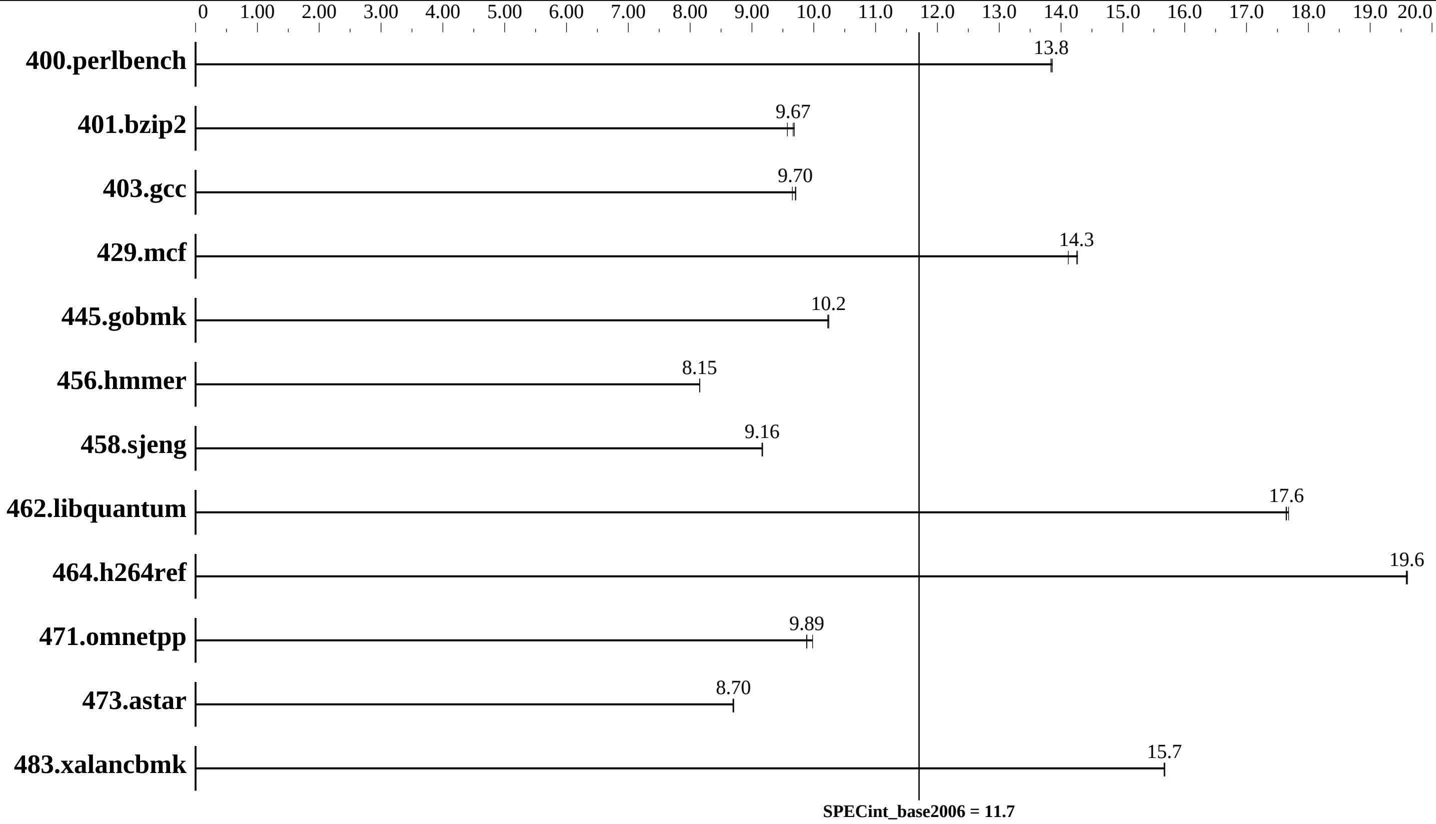
Intel Corporation

Intel D975XBX motherboard (3.73 GHz, Intel Pentium processor Extreme Edition 965)

SPECint®2006 = --

SPECint_base2006 = 11.7

CPU2006 license: 13		**Test date:**	Apr-2006
Test sponsor:	Intel Corporation	**Hardware Availability:**	Mar-2006
Tested by:	Intel Corporation	**Software Availability:**	May-2006



Hardware

CPU Name:	Intel Pentium Extreme Edition 965
CPU Characteristics:	3.73 GHz, 1066 MHz bus
CPU MHz:	3733
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip, 2 threads/core
CPU(s) orderable:	1 chip
Primary Cache:	12 K micro-ops I + 16 KB D on chip per core
Secondary Cache:	2 MB I+D on chip per core
L3 Cache:	None
Other Cache:	None
Memory:	4 GB (4 1GB Micron DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	ATI X1900XTX PCIe graphics card

Software

Operating System:	Windows XP x64 Professional
Compiler:	Intel C++ Compiler 9.1 for 32 bit apps Build 20060323Z Package ID: W_CC_P_9.1.020 Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	Not Applicable
Other Software:	None

Results Table

	Base						Peak					
Benchmark	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
400.perlbench	705	13.9	**706**	**13.8**	706	13.8						
401.bzip2	**998**	**9.67**	1008	9.57	996	9.69						
403.gcc	**830**	**9.70**	834	9.65	829	9.71						
429.mcf	639	14.3	646	14.1	**640**	**14.3**						
445.gobmk	1026	10.2	**1025**	**10.2**	1024	10.2						
456.hmmer	1144	8.15	**1144**	**8.15**	1144	8.15						
458.sjeng	1319	9.17	1321	9.16	**1320**	**9.16**						
462.libquantum	**1174**	**17.6**	1175	17.6	1172	17.7						
464.h264ref	1129	19.6	1130	19.6	**1129**	**19.6**						
471.omnetpp	626	9.98	632	9.88	**632**	**9.89**						
473.astar	806	8.70	808	8.69	**807**	**8.70**						
483.xalancbmk	440	15.7	440	15.7	**440**	**15.7**						

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

```
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
Product description located as of 03/2006
http://www.intel.com/products/motherboard/D975XBX/index.htm
The system bus runs at 1066 MHz
```

Base Compiler Invocation

C benchmarks:
`icl -Qvc7.1 -Qc99`

C++ benchmarks:
`icl -Qvc7.1`

Base Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`

Base Optimization Flags

C benchmarks:
`-fast /F512000000 shlw32m.lib -link /FORCE:MULTIPLE`

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Base Optimization Flags (Continued)

C++ benchmarks:

```
-fast -Qcxx_features /F512000000 shlw32m.lib
      -link /FORCE:MULTIPLE
```

Base Other Flags

C benchmarks:

403.gcc: `-Dalloca=_alloca`

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.xml

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For other inquiries, please contact webmaster@spec.org.

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