



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

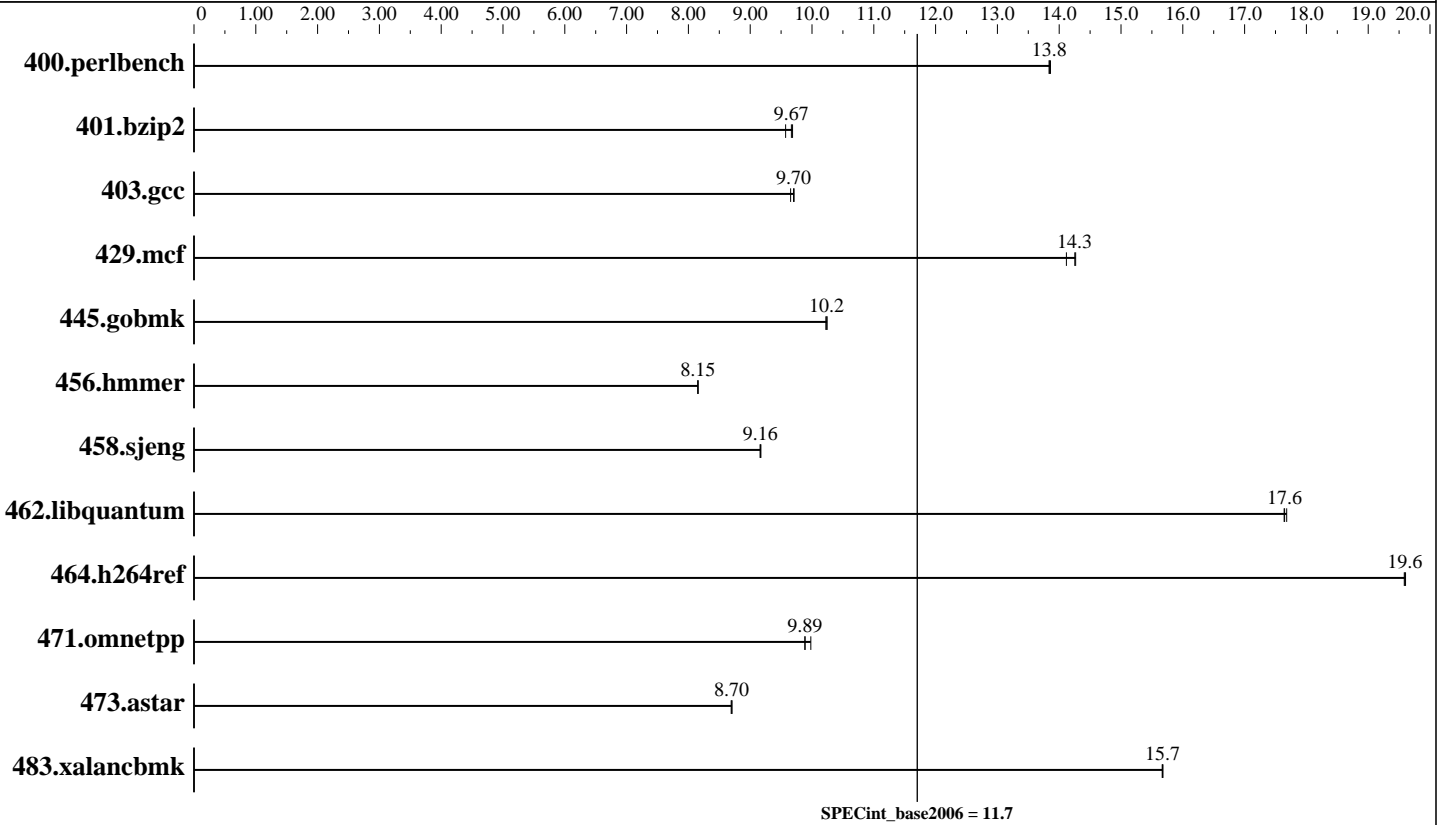
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Apr-2006

Hardware Availability: Mar-2006

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



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Results Table

Benchmark	Base						Peak					
	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.hammer	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 questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v90.
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