



# SPEC® CINT2006 Result

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## Intel Corporation

SPECint®2006 = **Not Run**

Intel DG965WH motherboard  
(2.67 GHz, Intel Core 2 Duo processor E6700)

SPECint\_base2006 = **17.1**

CPU2006 license: 13

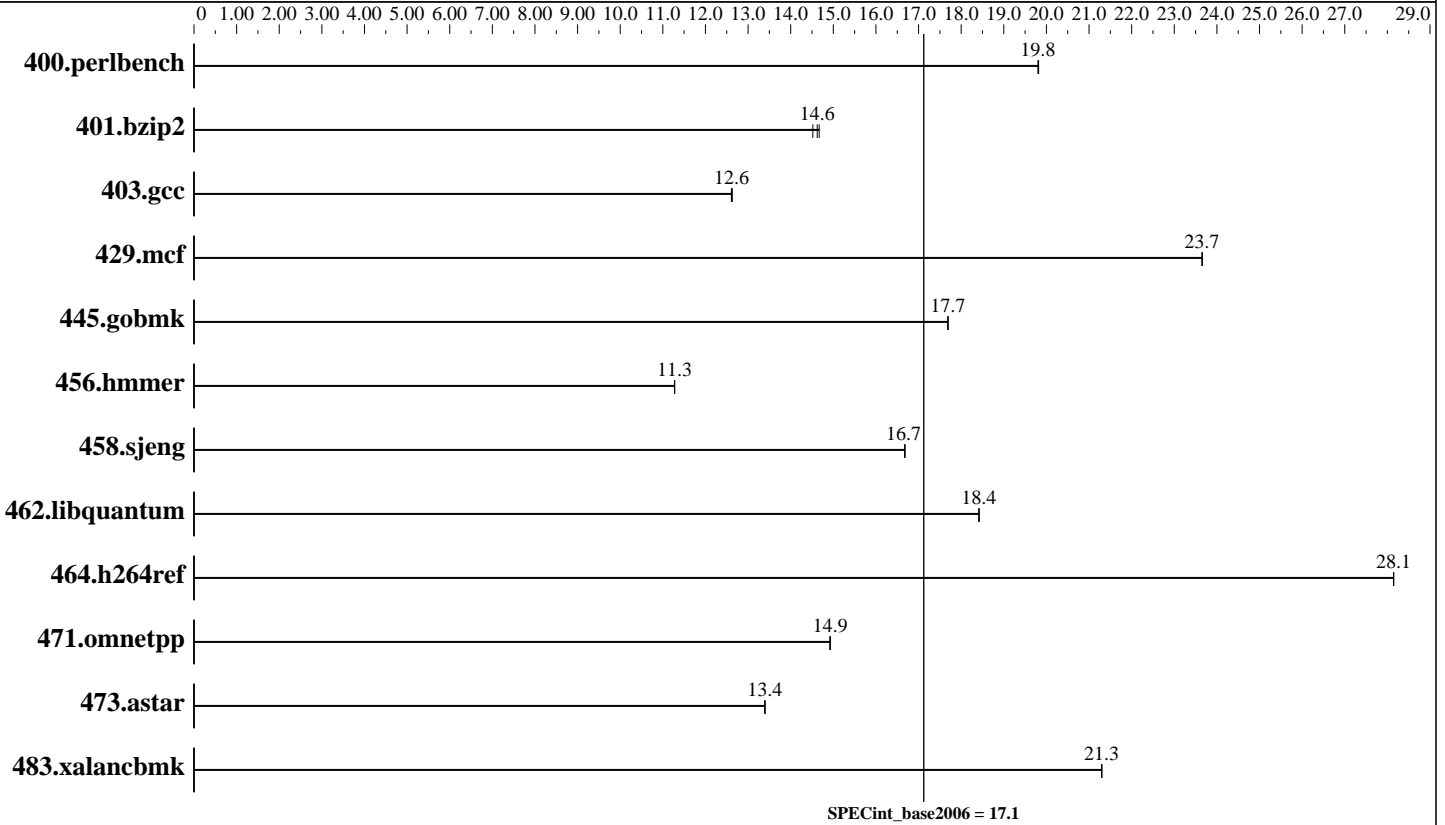
Test date: Jan-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006



### Hardware

CPU Name: Intel Core 2 Duo E6700  
 CPU Characteristics: 2.67 GHz, 1066 MHz bus  
 CPU MHz: 2667  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 4 MB I+D on chip per chip  
 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: SoundBlaster Live! PCI card

### Software

Operating System: Windows XP Professional w/ SP2  
 Compiler: Intel C++ Compiler for IA32 version 9.1  
 Build no 20060816  
 Microsoft Visual Studio .Net 2003 (for libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>



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## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	493	19.8	<b>493</b>	<b>19.8</b>	493	19.8						
401.bzip2	665	14.5	658	14.7	<b>660</b>	<b>14.6</b>						
403.gcc	638	12.6	637	12.6	<b>638</b>	<b>12.6</b>						
429.mcf	386	23.7	<b>386</b>	<b>23.7</b>	386	23.7						
445.gobmk	593	17.7	<b>593</b>	<b>17.7</b>	593	17.7						
456.hmmr	827	11.3	828	11.3	<b>827</b>	<b>11.3</b>						
458.sjeng	<b>726</b>	<b>16.7</b>	725	16.7	726	16.7						
462.libquantum	1125	18.4	1125	18.4	<b>1125</b>	<b>18.4</b>						
464.h264ref	786	28.1	786	28.1	<b>786</b>	<b>28.1</b>						
471.omnetpp	419	14.9	419	14.9	<b>419</b>	<b>14.9</b>						
473.astar	524	13.4	<b>524</b>	<b>13.4</b>	524	13.4						
483.xalancbmk	324	21.3	<b>324</b>	<b>21.3</b>	324	21.3						

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 1/2007:

<http://www.intel.com/products/motherboard/DG965WH/index.htm>

The system bus runs at 1066 MHz

System was configured with Single nVidia Quad SLI Geforce 7950 GX2

## 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
```



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## Base Optimization Flags

C benchmarks:

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

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.20090715.06.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.06.xml>

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For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

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