



# SPEC® CINT2006 Result

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## Intel Corporation

Intel DG965WH motherboard  
(3.60 GHz, Intel Pentium D processor 960)

SPECint®2006 = **Not Run**

SPECint\_base2006 = **11.4**

CPU2006 license: 13

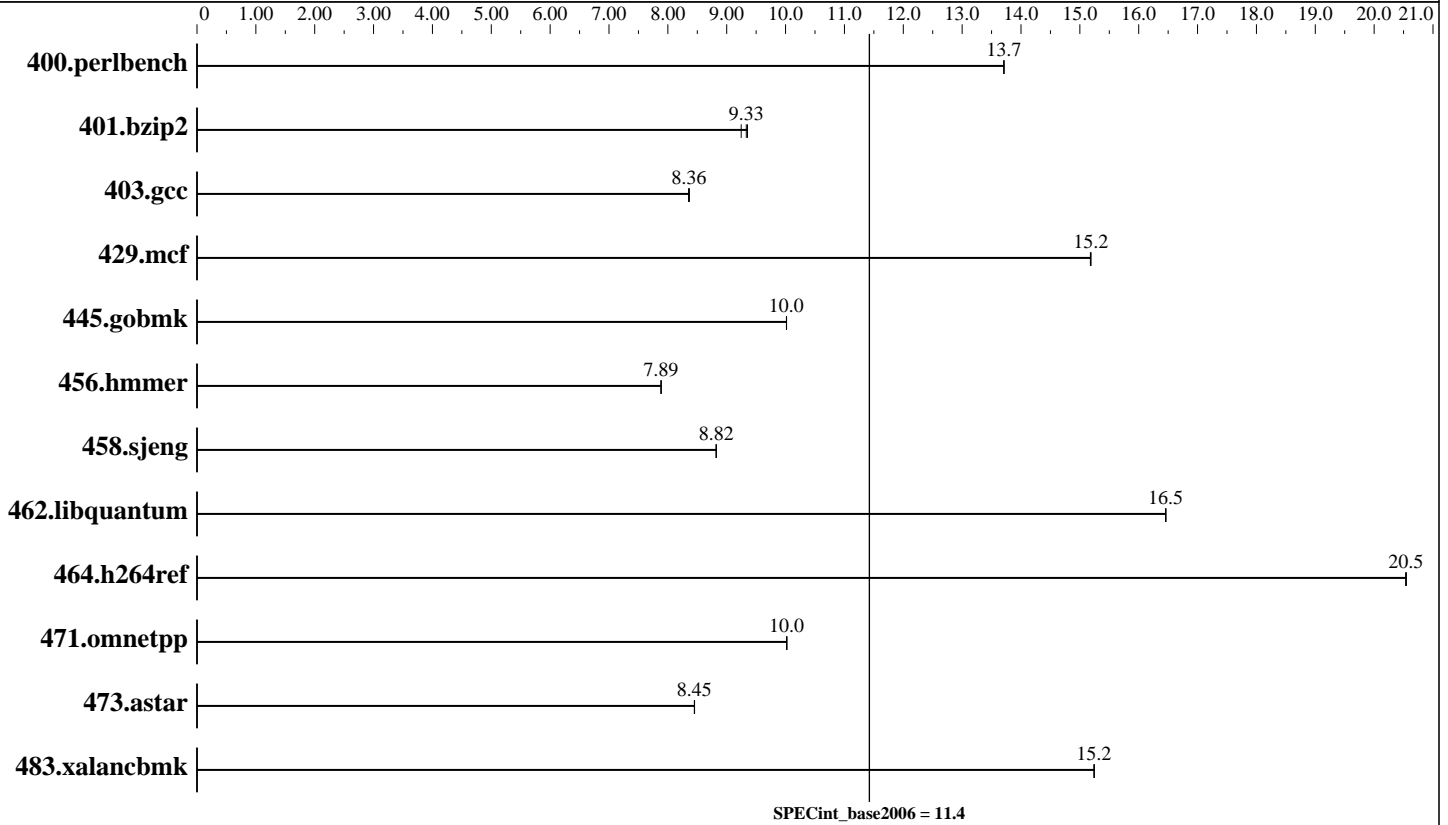
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



### Hardware

CPU Name: Intel Pentium D 960  
 CPU Characteristics: 3.60 GHz, 800 MHz bus  
 CPU MHz: 3600  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 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: 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	<b>713</b>	<b>13.7</b>	713	13.7	713	13.7						
401.bzip2	1044	9.25	<b>1034</b>	<b>9.33</b>	1032	9.35						
403.gcc	964	8.35	<b>963</b>	<b>8.36</b>	962	8.36						
429.mcf	<b>601</b>	<b>15.2</b>	601	15.2	601	15.2						
445.gobmk	1047	10.0	<b>1047</b>	<b>10.0</b>	1047	10.0						
456.hmmer	1183	7.89	<b>1183</b>	<b>7.89</b>	1183	7.89						
458.sjeng	1372	8.82	<b>1372</b>	<b>8.82</b>	1371	8.82						
462.libquantum	<b>1259</b>	<b>16.5</b>	1259	16.5	1259	16.5						
464.h264ref	<b>1077</b>	<b>20.5</b>	1078	20.5	1077	20.5						
471.omnetpp	624	10.0	624	10.0	<b>624</b>	<b>10.0</b>						
473.astar	<b>831</b>	<b>8.45</b>	831	8.45	830	8.45						
483.xalancbmk	453	15.2	<b>453</b>	<b>15.2</b>	453	15.2						

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 800 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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