



# SPEC® CINT2006 Result

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## Intel Corporation

Intel DG965SS motherboard  
(2.66 GHz, Intel Pentium D processor 805)

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 14.2

CPU2006 license: 13

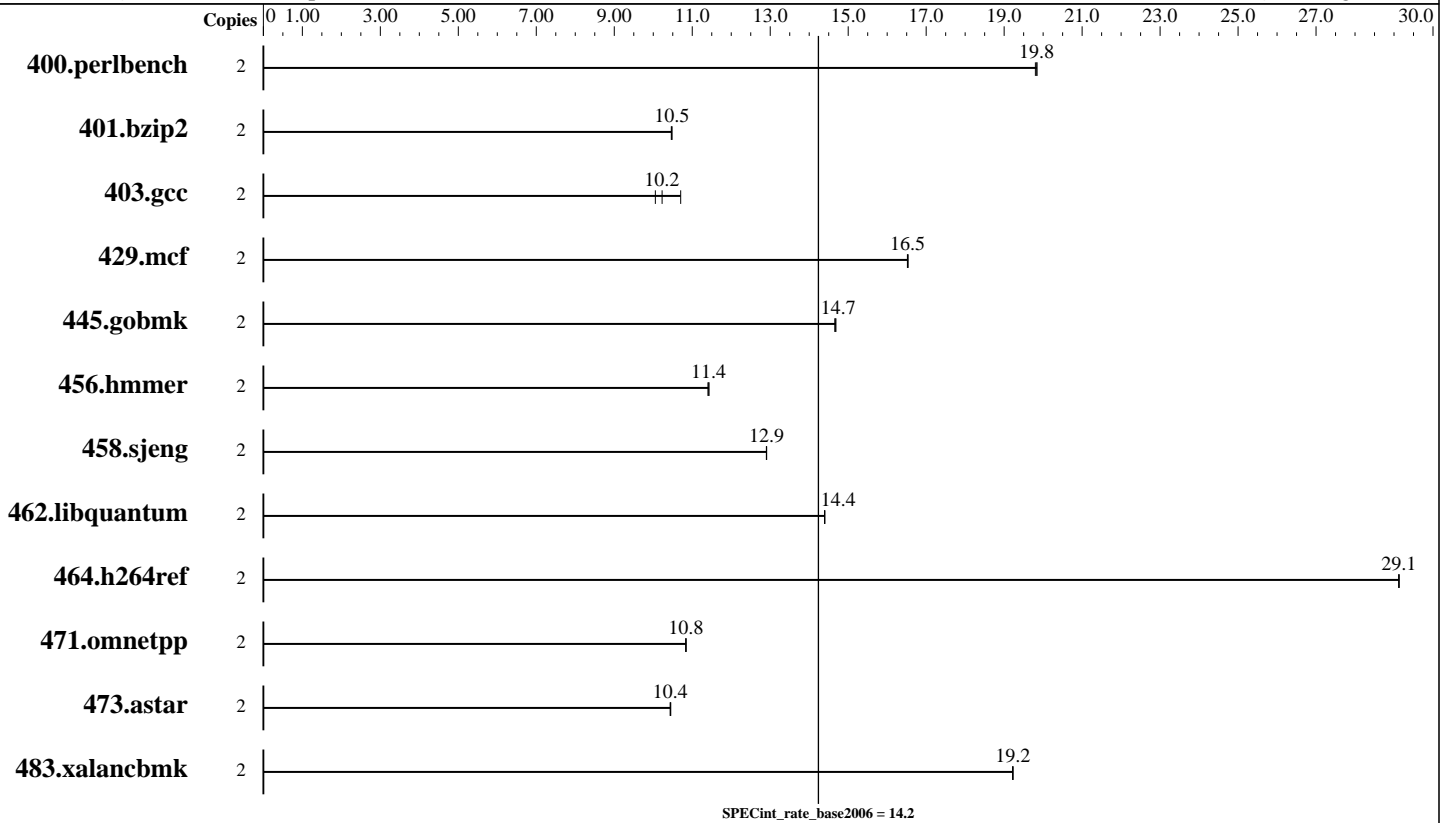
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Jul-2006

Software Availability: Aug-2006



### Hardware

CPU Name: Intel Pentium D 805  
 CPU Characteristics: 2.66 GHz, 533 MHz bus  
 CPU MHz: 2667  
 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: 1 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						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	985	19.8	<b>985</b>	<b>19.8</b>	987	19.8							
401.bzip2	2	1845	10.5	1842	10.5	<b>1842</b>	<b>10.5</b>							
403.gcc	2	1601	10.1	<b>1574</b>	<b>10.2</b>	1504	10.7							
429.mcf	2	1103	16.5	<b>1104</b>	<b>16.5</b>	1104	16.5							
445.gobmk	2	1431	14.7	1429	14.7	<b>1430</b>	<b>14.7</b>							
456.hammer	2	1636	11.4	1633	11.4	<b>1633</b>	<b>11.4</b>							
458.sjeng	2	1876	12.9	1875	12.9	<b>1875</b>	<b>12.9</b>							
462.libquantum	2	2878	14.4	<b>2879</b>	<b>14.4</b>	2879	14.4							
464.h264ref	2	1519	29.1	<b>1520</b>	<b>29.1</b>	1520	29.1							
471.omnetpp	2	<b>1153</b>	<b>10.8</b>	1153	10.8	1154	10.8							
473.astar	2	<b>1345</b>	<b>10.4</b>	1345	10.4	1344	10.4							
483.xalancbmk	2	718	19.2	718	19.2	<b>718</b>	<b>19.2</b>							

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/DG965SS/index.htm>

The system bus runs at 533 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.20090715.04.html>

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.04.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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