



SPEC® CINT2006 Result

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Intel Corporation

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

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 20.6

CPU2006 license: 13

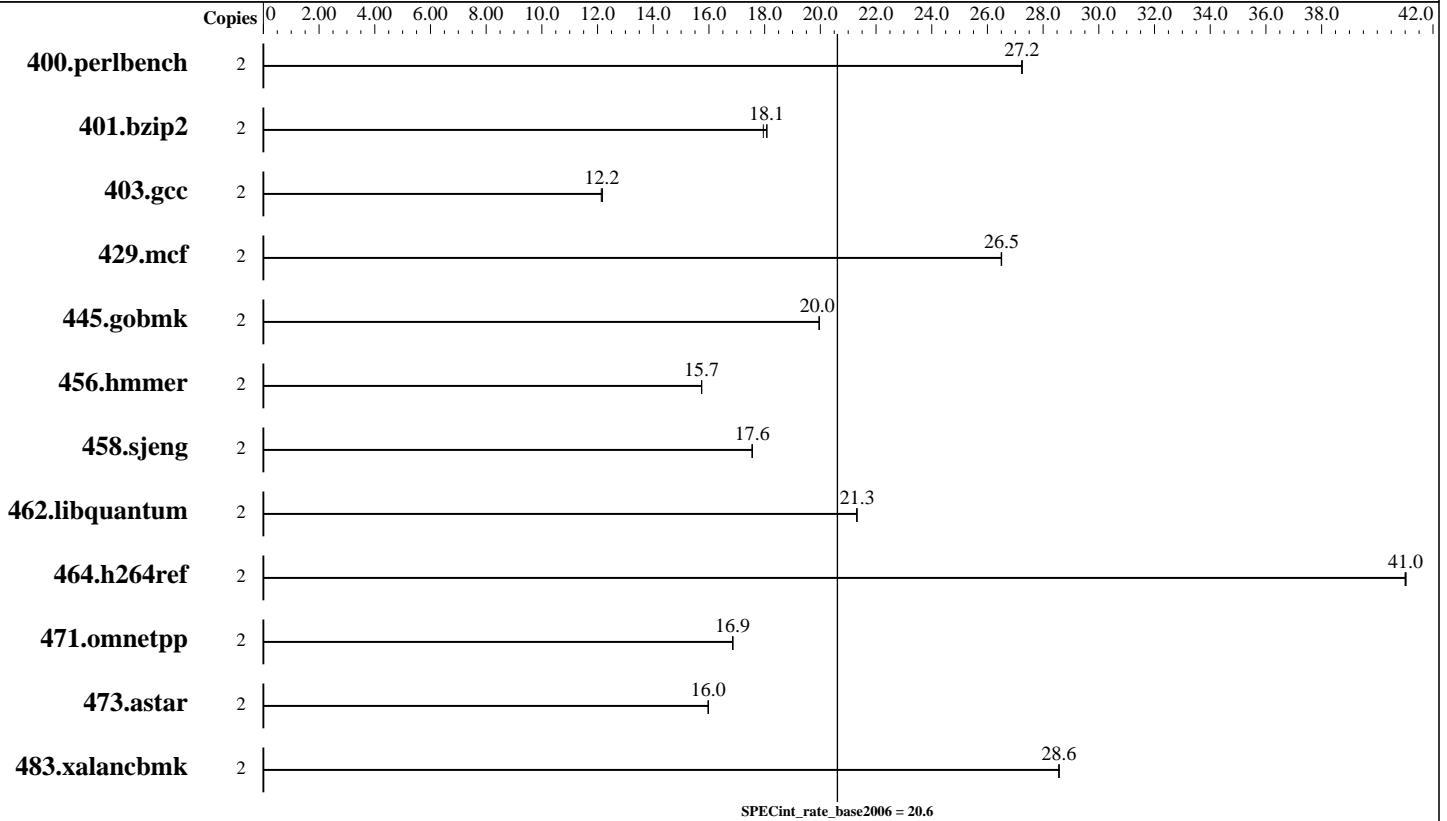
Test sponsor: Intel Corporation

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							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	718	27.2	717	27.2	<u>717</u>	<u>27.2</u>							
401.bzip2	2	1075	18.0	1067	18.1	<u>1068</u>	<u>18.1</u>							
403.gcc	2	1322	12.2	<u>1324</u>	<u>12.2</u>	1327	12.1							
429.mcf	2	688	26.5	688	26.5	<u>688</u>	<u>26.5</u>							
445.gobmk	2	<u>1051</u>	<u>20.0</u>	1051	20.0	1051	20.0							
456.hammer	2	<u>1186</u>	<u>15.7</u>	1186	15.7	1185	15.7							
458.sjeng	2	1379	17.6	<u>1379</u>	<u>17.6</u>	1379	17.6							
462.libquantum	2	1945	21.3	<u>1945</u>	<u>21.3</u>	1944	21.3							
464.h264ref	2	1080	41.0	1079	41.0	<u>1079</u>	<u>41.0</u>							
471.omnetpp	2	742	16.8	<u>742</u>	<u>16.9</u>	741	16.9							
473.astar	2	879	16.0	<u>879</u>	<u>16.0</u>	879	16.0							
483.xalancbmk	2	483	28.6	<u>483</u>	<u>28.6</u>	483	28.6							

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 other inquiries, please contact webmaster@spec.org.

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