



SPEC® CINT2006 Result

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Intel Corporation

Intel DG965WH motherboard
(3.0 GHz, Intel Pentium D processor 930)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 18.0

CPU2006 license: 13

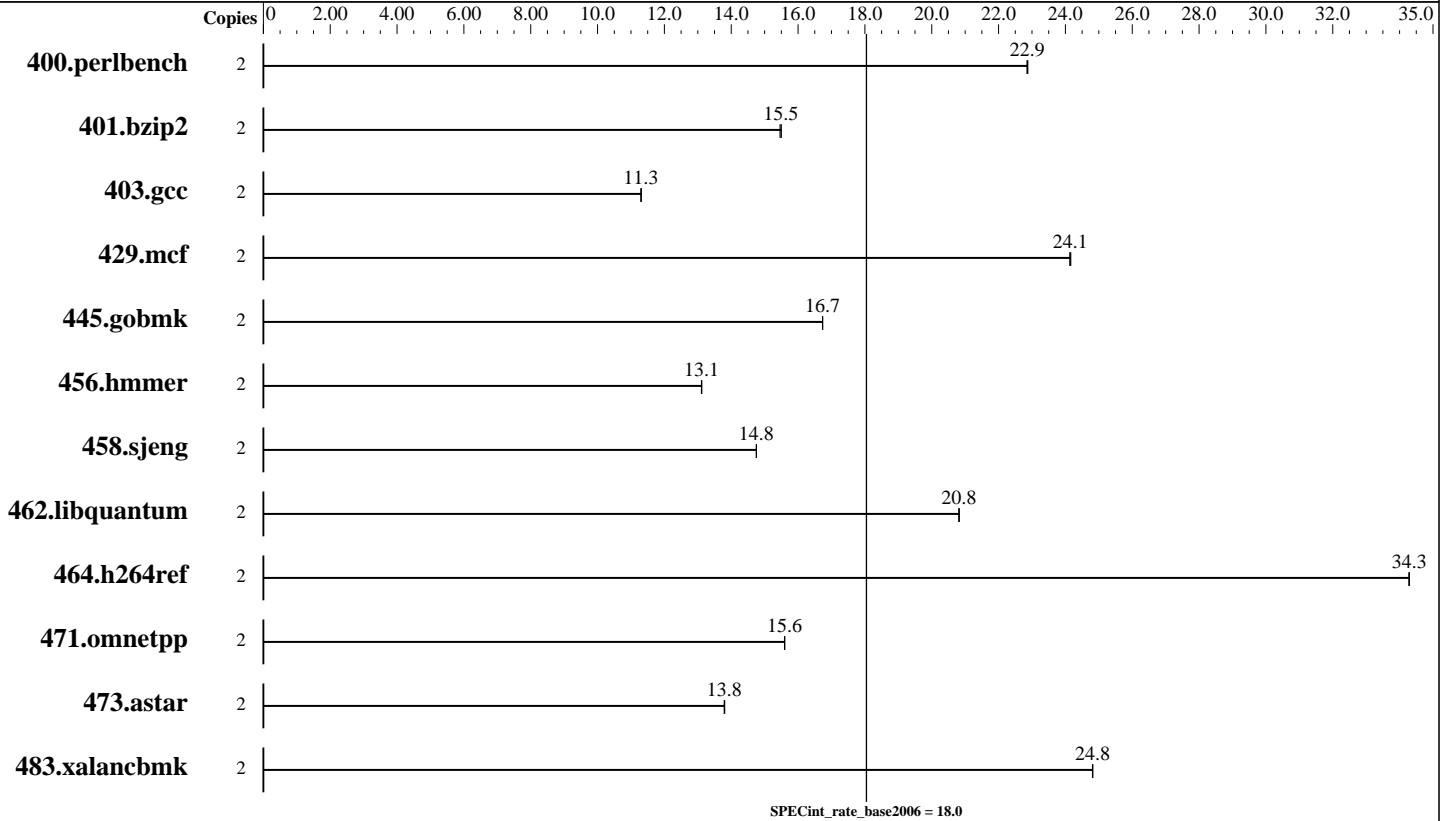
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



Hardware

CPU Name: Intel Pentium D 930
 CPU Characteristics: 3.0 GHz, 800 MHz bus
 CPU MHz: 3000
 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	855	22.8	854	22.9	855	22.9									
401.bzip2	2	1248	15.5	1246	15.5	1245	15.5									
403.gcc	2	1424	11.3	1425	11.3	1424	11.3									
429.mcf	2	756	24.1	755	24.2	755	24.1									
445.gobmk	2	1254	16.7	1254	16.7	1254	16.7									
456.hammer	2	1424	13.1	1423	13.1	1422	13.1									
458.sjeng	2	1640	14.8	1640	14.8	1640	14.8									
462.libquantum	2	1991	20.8	1990	20.8	1991	20.8									
464.h264ref	2	1291	34.3	1291	34.3	1291	34.3									
471.omnetpp	2	801	15.6	802	15.6	802	15.6									
473.astar	2	1018	13.8	1018	13.8	1017	13.8									
483.xalancbmk	2	556	24.8	556	24.8	556	24.8									

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.

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