



SPEC® CINT2006 Result

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Intel Corporation

SPECint®2006 = **Not Run**

Intel DG965WH motherboard
(2.13 GHz, Intel Core 2 Duo processor E6400)

SPECint_base2006 = **13.6**

CPU2006 license: 13

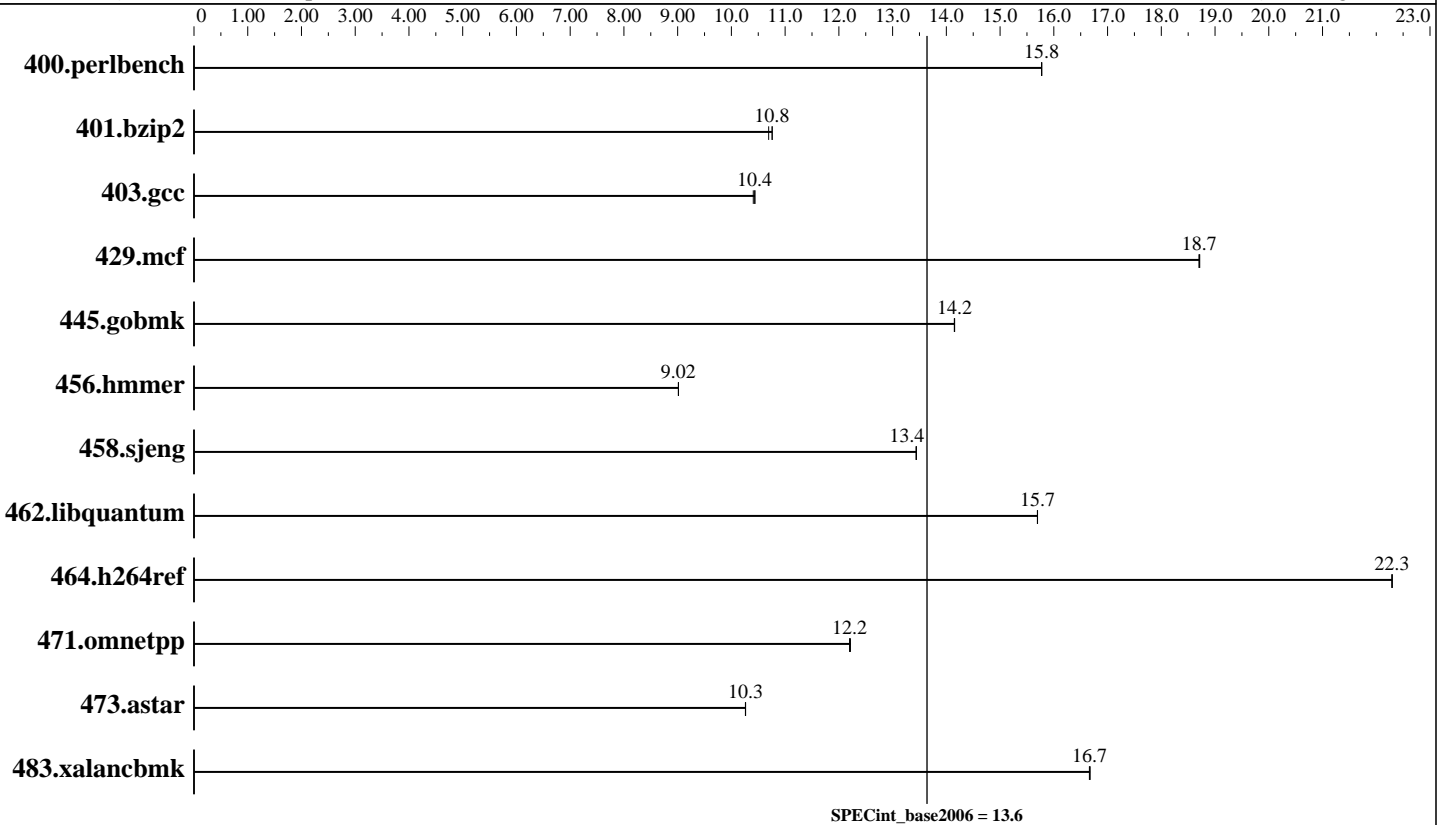
Test date: Jan-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006



Hardware

CPU Name: Intel Core 2 Duo E6400
 CPU Characteristics: 2.13 GHz, 1066 MHz bus
 CPU MHz: 2133
 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: 2 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	619	15.8	619	15.8	619	15.8						
401.bzip2	897	10.8	897	10.8	902	10.7						
403.gcc	771	10.4	772	10.4	774	10.4						
429.mcf	488	18.7	487	18.7	488	18.7						
445.gobmk	741	14.1	741	14.2	741	14.2						
456.hammer	1035	9.01	1035	9.02	1035	9.02						
458.sjeng	900	13.4	900	13.4	900	13.4						
462.libquantum	1320	15.7	1320	15.7	1320	15.7						
464.h264ref	993	22.3	993	22.3	993	22.3						
471.omnetpp	512	12.2	512	12.2	512	12.2						
473.astar	684	10.3	684	10.3	684	10.3						
483.xalancbmk	414	16.7	414	16.7	414	16.7						

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.

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