



SPEC® CINT2006 Result

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Intel Corporation

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

SPECint®2006 = **Not Run**

SPECint_base2006 = **9.85**

CPU2006 license: 13

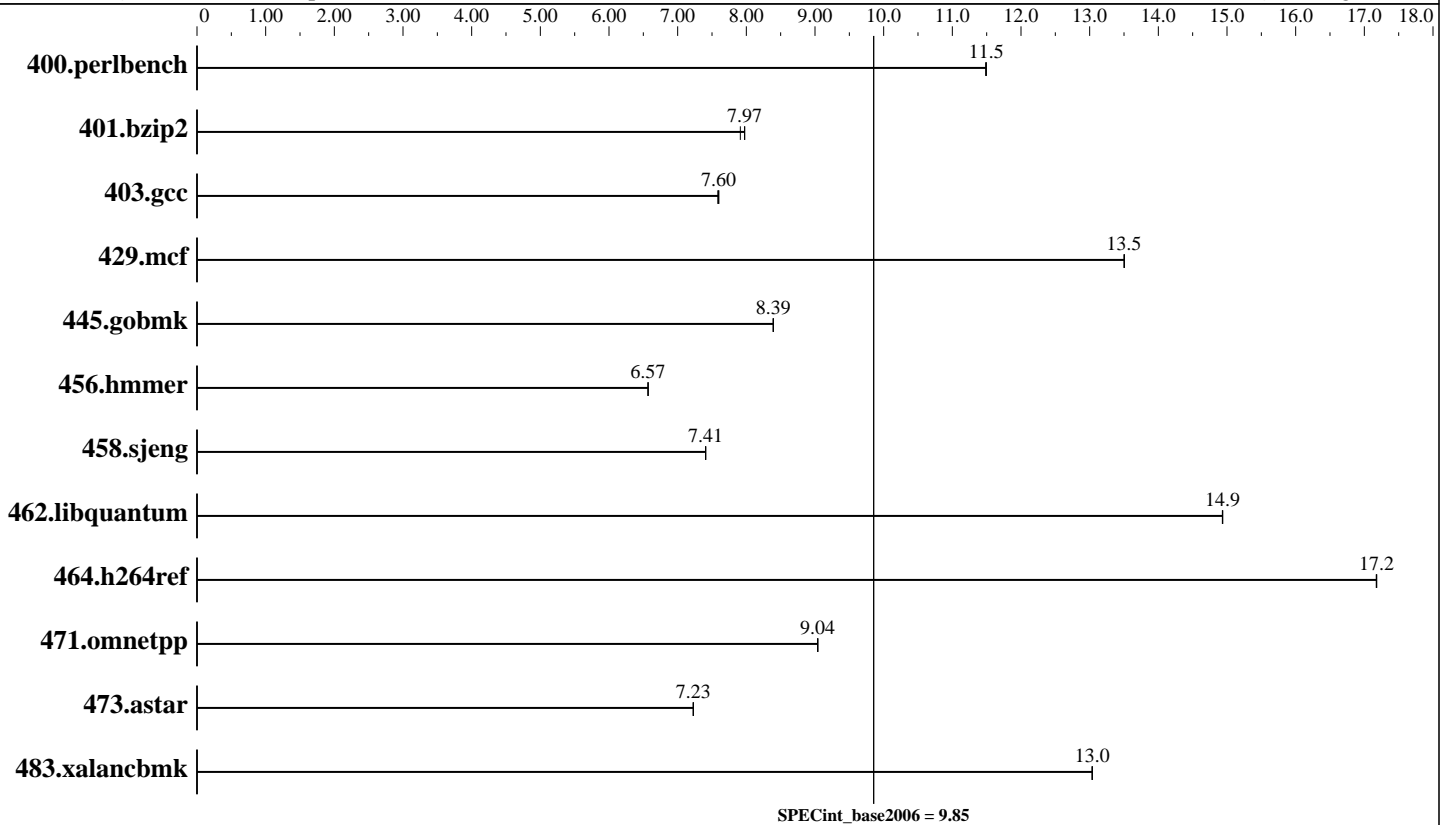
Test sponsor: Intel Corporation

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 | | | | | |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-------|---------|-------|---------|-------|
| | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio |
| 400.perlbench | 851 | 11.5 | 850 | 11.5 | 850 | 11.5 | | | | | | |
| 401.bzip2 | 1210 | 7.97 | 1210 | 7.98 | 1220 | 7.91 | | | | | | |
| 403.gcc | 1059 | 7.60 | 1060 | 7.60 | 1061 | 7.58 | | | | | | |
| 429.mcf | 675 | 13.5 | 675 | 13.5 | 675 | 13.5 | | | | | | |
| 445.gobmk | 1250 | 8.39 | 1250 | 8.39 | 1250 | 8.39 | | | | | | |
| 456.hammer | 1420 | 6.57 | 1420 | 6.57 | 1420 | 6.57 | | | | | | |
| 458.sjeng | 1634 | 7.41 | 1634 | 7.41 | 1633 | 7.41 | | | | | | |
| 462.libquantum | 1387 | 14.9 | 1388 | 14.9 | 1387 | 14.9 | | | | | | |
| 464.h264ref | 1288 | 17.2 | 1288 | 17.2 | 1289 | 17.2 | | | | | | |
| 471.omnetpp | 691 | 9.04 | 692 | 9.04 | 691 | 9.04 | | | | | | |
| 473.astar | 971 | 7.23 | 971 | 7.23 | 971 | 7.23 | | | | | | |
| 483.xalancbmk | 529 | 13.0 | 529 | 13.0 | 529 | 13.0 | | | | | | |

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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