SPEC® CINT2006 Result

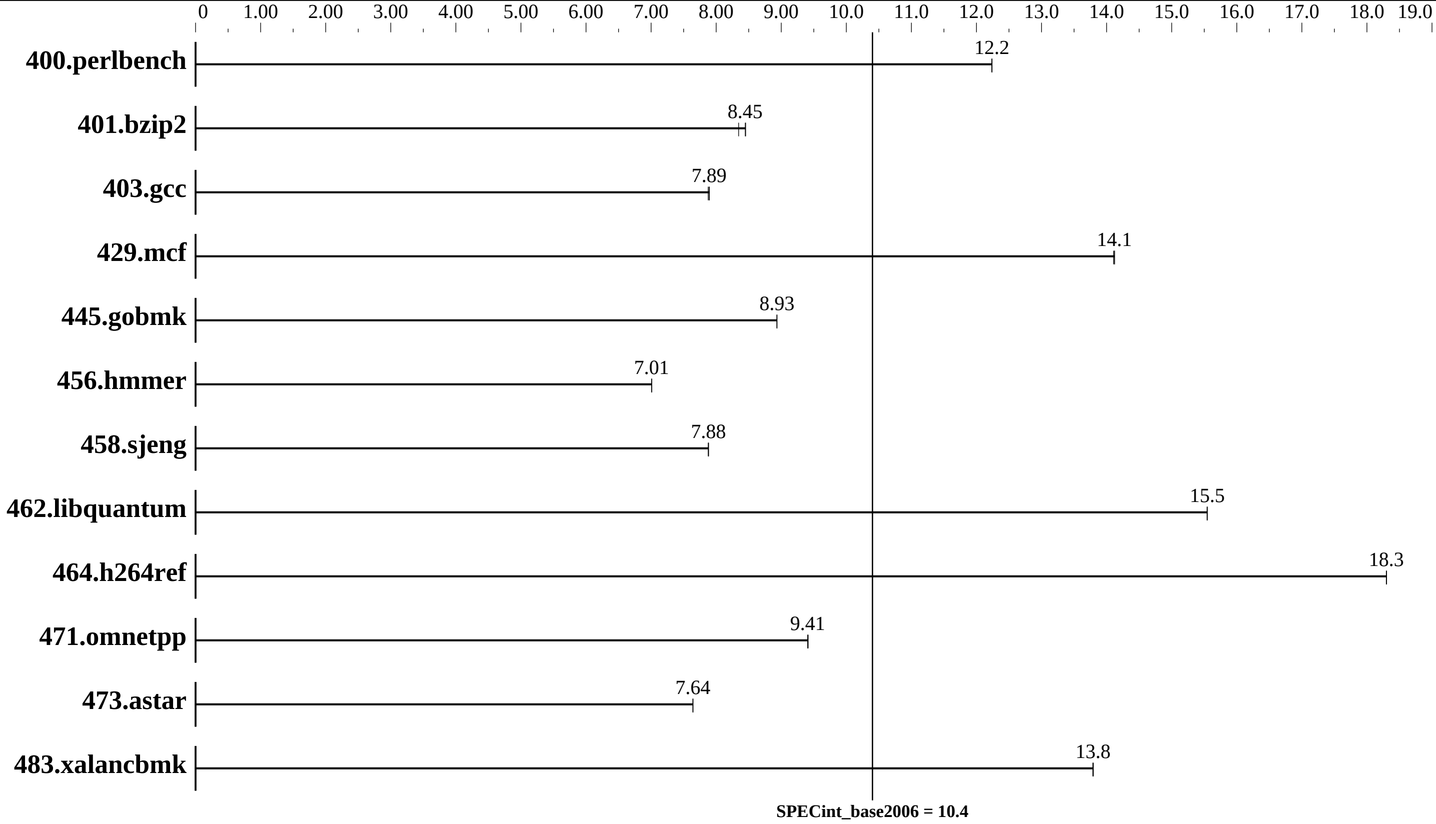
Intel Corporation

Intel DG965WH motherboard
(3.2 GHz, Intel Pentium D processor 940)

SPECint®2006 = Not Run

SPECint_base2006 = 10.4

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 Pentium D 940
CPU Characteristics:	3.20 GHz, 800 MHz bus
CPU MHz:	3200
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

	Base						Peak					
Benchmark	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
400.perlbench	798	12.2	798	12.2	**798**	**12.2**						
401.bzip2	**1142**	**8.45**	1142	8.45	1156	8.35						
403.gcc	1020	7.90	**1020**	**7.89**	1022	7.88						
429.mcf	**646**	**14.1**	646	14.1	646	14.1						
445.gobmk	1174	8.93	1174	8.94	**1174**	**8.93**						
456.hmmer	**1331**	**7.01**	1331	7.01	1331	7.01						
458.sjeng	1536	7.88	1535	7.88	**1535**	**7.88**						
462.libquantum	**1333**	**15.5**	1333	15.5	1333	15.5						
464.h264ref	1209	18.3	**1209**	**18.3**	1209	18.3						
471.omnetpp	**664**	**9.41**	664	9.41	664	9.41						
473.astar	**918**	**7.64**	919	7.64	918	7.64						
483.xalancbmk	500	13.8	500	13.8	**500**	**13.8**						

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`

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

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
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