SPEC® CINT2006 Result

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Intel Corporation

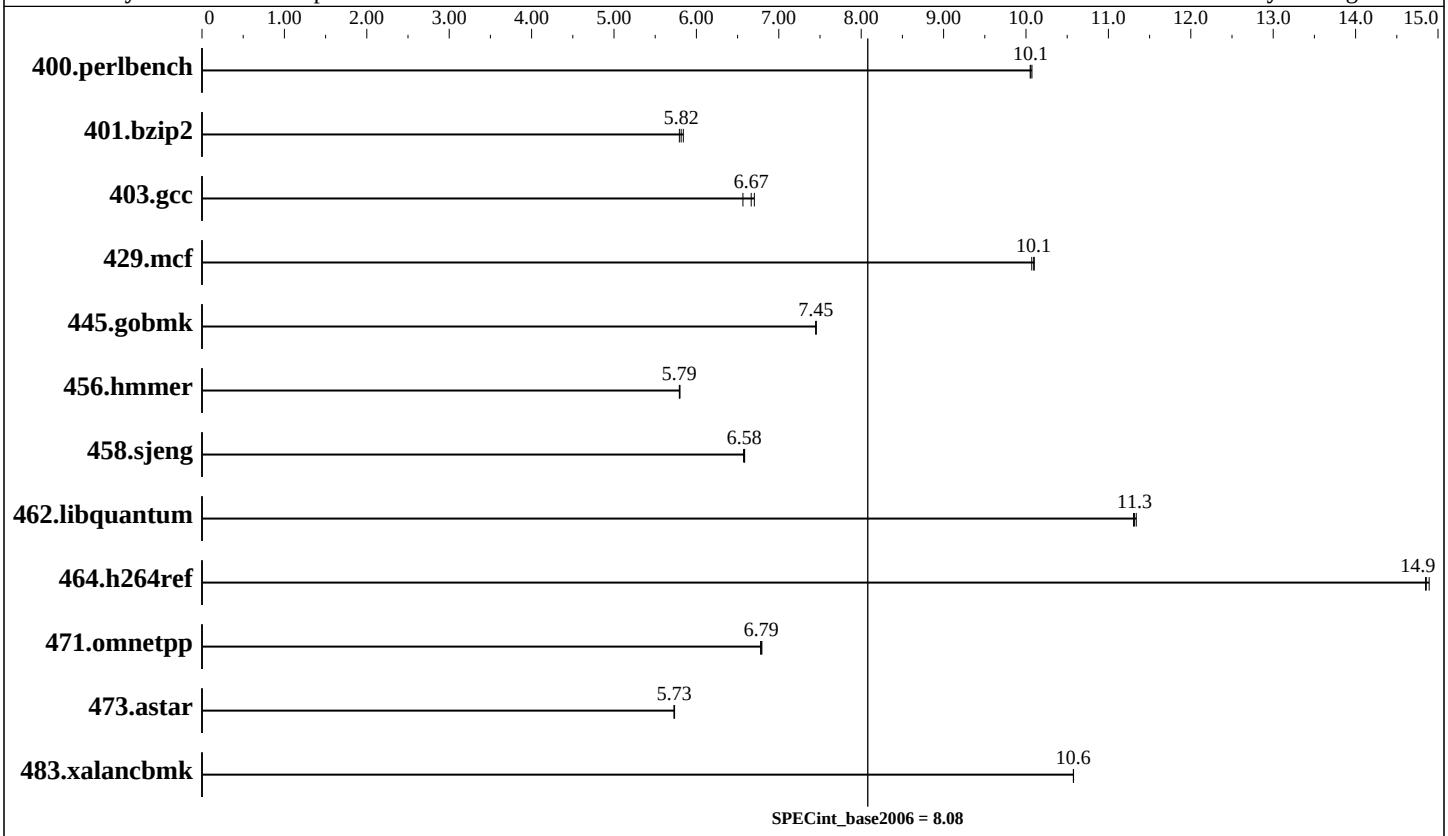
Intel DG965SS motherboard
(2.66 GHz, Intel Pentium D processor 805)

SPECint®2006 = Not Run

SPECint_base2006 = 8.08

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jan-2007
Hardware Availability: Jul-2006
Software Availability: Aug-2006



Hardware

CPU Name:	Intel Pentium D 805
CPU Characteristics:	2.66 GHz, 533 MHz bus
CPU MHz:	2667
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:	1 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	972	10.1	970	10.1	**971**	**10.1**						
401.bzip2	1652	5.84	1666	5.79	**1659**	**5.82**						
403.gcc	1201	6.70	**1208**	**6.67**	1226	6.56						
429.mcf	903	10.1	**904**	**10.1**	906	10.1						
445.gobmk	1408	7.45	1407	7.45	**1408**	**7.45**						
456.hmmer	1611	5.79	1608	5.80	**1610**	**5.79**						
458.sjeng	1837	6.59	**1838**	**6.58**	1841	6.57						
462.libquantum	1827	11.3	1833	11.3	**1831**	**11.3**						
464.h264ref	1486	14.9	1490	14.8	**1489**	**14.9**						
471.omnetpp	920	6.79	922	6.78	**921**	**6.79**						
473.astar	1226	5.73	1224	5.74	**1225**	**5.73**						
483.xalancbmk	653	10.6	652	10.6	**652**	**10.6**						

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/DG965SS/index.htm
The system bus runs at 533 MHz
```

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
```

Continued on next page

Base Optimization Flags (Continued)

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.20090715.04.html`

You can also download the XML flags source by saving the following link:
`http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.04.xml`

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For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 10:18:09 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 6 February 2007.