SPEC® CINT2006 Result

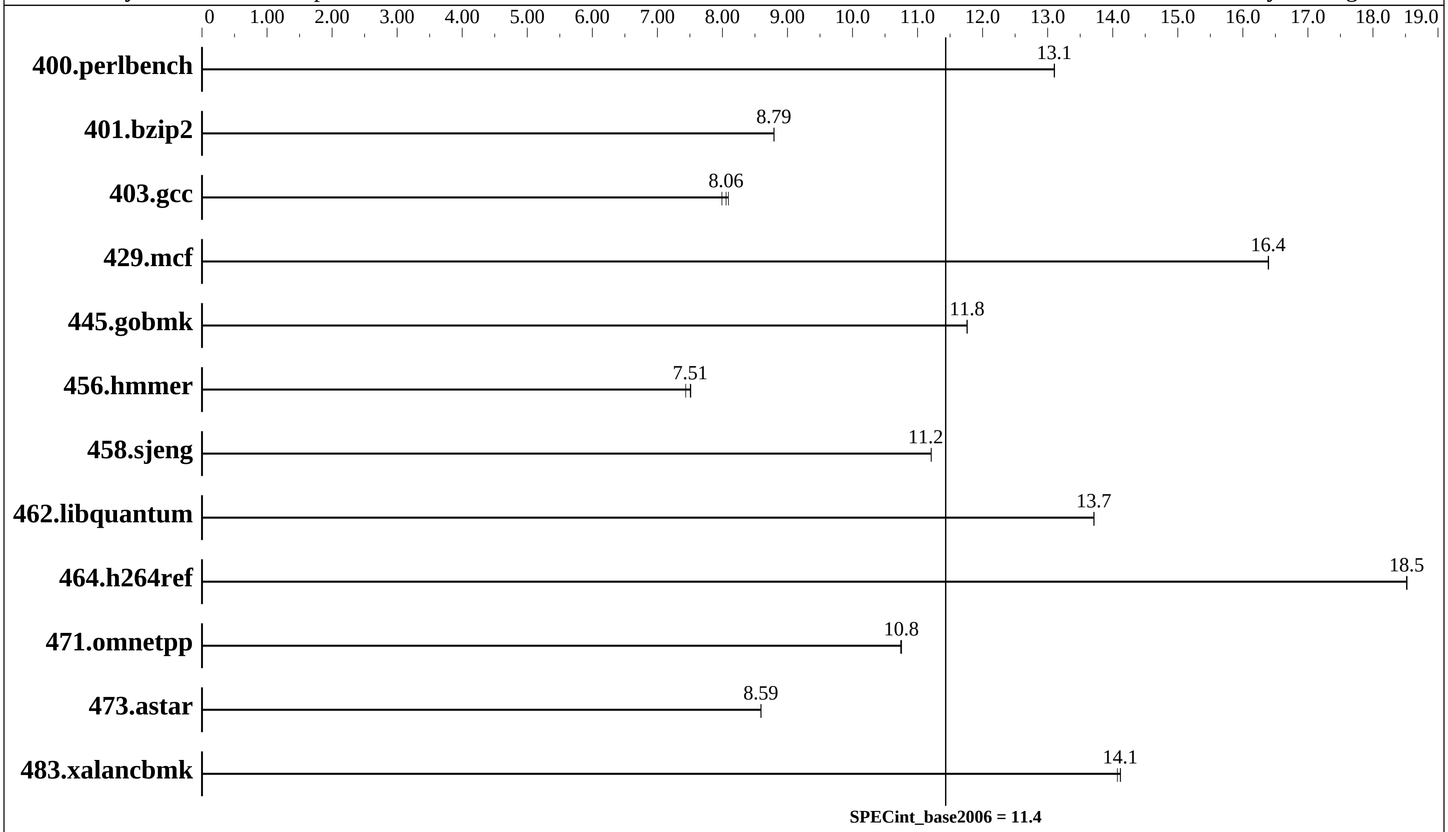
Intel Corporation

Intel DG965SS motherboard
(1.8 GHz, Intel Core 2 Duo processor E4300)

SPECint®2006 = Not Run

SPECint_base2006 = 11.4

CPU2006 license: 13		**Test date:**	Jan-2007
Test sponsor:	Intel Corporation	**Hardware Availability:**	Jan-2007
Tested by:	Intel Corporation	**Software Availability:**	Aug-2006



Hardware

CPU Name:	Intel Core 2 Duo E4300
CPU Characteristics:	1.8 GHz, 800 MHz bus
CPU MHz:	1800
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	**746**	**13.1**	746	13.1	745	13.1						
401.bzip2	**1097**	**8.79**	1098	8.79	1097	8.80						
403.gcc	995	8.09	**999**	**8.06**	1007	7.99						
429.mcf	556	16.4	556	16.4	**556**	**16.4**						
445.gobmk	892	11.8	892	11.8	**892**	**11.8**						
456.hmmer	1242	7.51	**1243**	**7.51**	1255	7.44						
458.sjeng	1079	11.2	**1079**	**11.2**	1079	11.2						
462.libquantum	1512	13.7	1511	13.7	**1511**	**13.7**						
464.h264ref	1195	18.5	**1195**	**18.5**	1195	18.5						
471.omnetpp	582	10.7	581	10.8	**581**	**10.8**						
473.astar	**817**	**8.59**	817	8.59	817	8.59						
483.xalancbmk	490	14.1	**489**	**14.1**	489	14.1						

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 800 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`

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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

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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