



SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Intel Corporation

SPECint®_rate2006 = 33.5

Intel DG965WH motherboard (Intel Core 2 Duo E6700)

SPECint_rate_base2006 = 30.0

CPU2006 license: 13

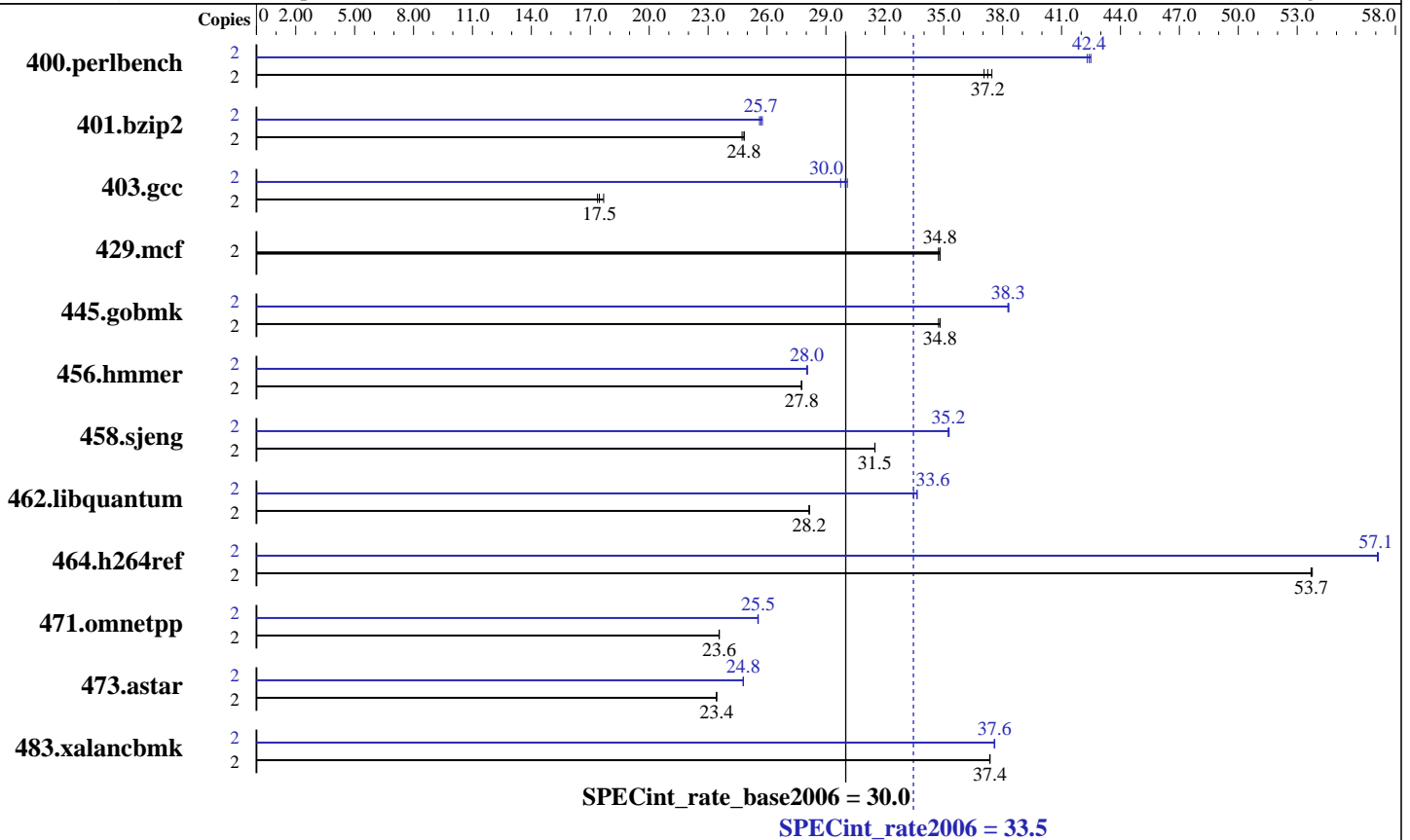
Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006



Hardware

CPU Name: Intel Core 2 Duo E6700
 CPU Characteristics: 2.67 GHz, 1066 MHz bus
 CPU MHz: 2667
 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: 4 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: Seagate ST3320620AS 320GB Barracuda 7200.10 NCQ SATA II
 Other Hardware: None

Software

Operating System: Windows Vista32 Ultimate
 Compiler: Intel C++ Compiler for IA32 version 10.0
 Build 20070426 Package ID: W_CC_P_10.0.025
 Microsoft Visual Studio .Net 2003 (for libraries)
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Intel Corporation

SPECint_rate2006 = 33.5

Intel DG965WH motherboard (Intel Core 2 Duo E6700)

SPECint_rate_base2006 = 30.0

CPU2006 license: 13

Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	527	37.1	522	37.5	<u>525</u>	<u>37.2</u>	2	<u>461</u>	<u>42.4</u>	460	42.5	462	42.3
401.bzip2	2	780	24.7	<u>777</u>	<u>24.8</u>	777	24.8	2	749	25.8	753	25.6	<u>751</u>	<u>25.7</u>
403.gcc	2	927	17.4	911	17.7	<u>922</u>	<u>17.5</u>	2	541	29.7	<u>537</u>	<u>30.0</u>	535	30.1
429.mcf	2	525	34.7	524	34.8	<u>524</u>	<u>34.8</u>	2	525	34.7	524	34.8	<u>524</u>	<u>34.8</u>
445.gobmk	2	604	34.7	<u>603</u>	<u>34.8</u>	603	34.8	2	548	38.3	548	38.3	<u>548</u>	<u>38.3</u>
456.hammer	2	672	27.8	672	27.8	<u>672</u>	<u>27.8</u>	2	666	28.0	665	28.1	<u>665</u>	<u>28.0</u>
458.sjeng	2	768	31.5	768	31.5	<u>768</u>	<u>31.5</u>	2	687	35.2	686	35.3	<u>687</u>	<u>35.2</u>
462.libquantum	2	1472	28.2	<u>1472</u>	<u>28.2</u>	1473	28.1	2	1232	33.6	<u>1232</u>	<u>33.6</u>	1238	33.5
464.h264ref	2	823	53.8	824	53.7	<u>824</u>	<u>53.7</u>	2	<u>775</u>	<u>57.1</u>	775	57.1	775	57.1
471.omnetpp	2	530	23.6	<u>530</u>	<u>23.6</u>	531	23.6	2	<u>489</u>	<u>25.5</u>	489	25.6	490	25.5
473.astar	2	599	23.4	<u>599</u>	<u>23.4</u>	599	23.4	2	566	24.8	<u>566</u>	<u>24.8</u>	566	24.8
483.xalancbmk	2	369	37.4	<u>369</u>	<u>37.4</u>	370	37.3	2	<u>367</u>	<u>37.6</u>	367	37.6	367	37.6

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 7/2007:
<http://www.intel.com/products/motherboard/DG965WH/index.htm>
The system bus runs at 1066 MHz
System has a discrete gfx card - Asus EN8800GTX/HTDP/768M w/ nVidia 8800GTX
Binaries were built on Windows XP Professional SP2 with 4GB of RAM and /3GB boot switch
The start command with the /affinity switch was used to bind processes to cores

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



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Intel Corporation

SPECint_rate2006 = 33.5

Intel DG965WH motherboard (Intel Core 2 Duo E6700)

SPECint_rate_base2006 = 30.0

CPU2006 license: 13

Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006

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

Peak Compiler Invocation

C benchmarks:

icl -Qvc7.1 -Qc99

C++ benchmarks:

icl -Qvc7.1

Peak Portability Flags

403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

Peak Optimization Flags

C benchmarks:

400.perlbench: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qansi-alias
-Qprefetch /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

401.bzip2: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000
shlw32m.lib -link /FORCE:MULTIPLE

403.gcc: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000
-link /FORCE:MULTIPLE

429.mcf: basepeak = yes

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Intel Corporation

SPECint_rate2006 = 33.5

Intel DG965WH motherboard (Intel Core 2 Duo E6700)

SPECint_rate_base2006 = 30.0

CPU2006 license: 13

Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Aug-2006

Tested by: Intel Corporation

Software Availability: Aug-2006

Peak Optimization Flags (Continued)

445.gobmk: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxT -O2 -Qipo
-Qprec_div- -Qansi-alias /F512000000
-link /FORCE:MULTIPLE

456.hmmer: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qunroll2
-Qansi-alias /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

458.sjeng: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qunroll4
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE

462.libquantum: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qunroll4
-Ob0 -Qprefetch -Qopt-streaming-stores:always /F512000000
shlw32m.lib -link /FORCE:MULTIPLE

464.h264ref: Same as 456.hmmer

C++ benchmarks:

-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qansi-alias
-Qcxx_features /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

Peak 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-ic10-ia32-intel64-linux-flags.20090714.42.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic10-ia32-intel64-linux-flags.20090714.42.xml>

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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

Tested with SPEC CPU2006 v1.0.

Report generated on Tue Jul 22 12:42:45 2014 by SPEC CPU2006 PS/PDF formatter v6932.

Originally published on 8 August 2007.