



SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

ASUS Computer International
(Test Sponsor: Intel Corporation)

SPECint®_rate2006 = 28.3

Asus G2S (Intel Core 2 Duo T7700)

SPECint_rate_base2006 = 25.4

CPU2006 license: 13

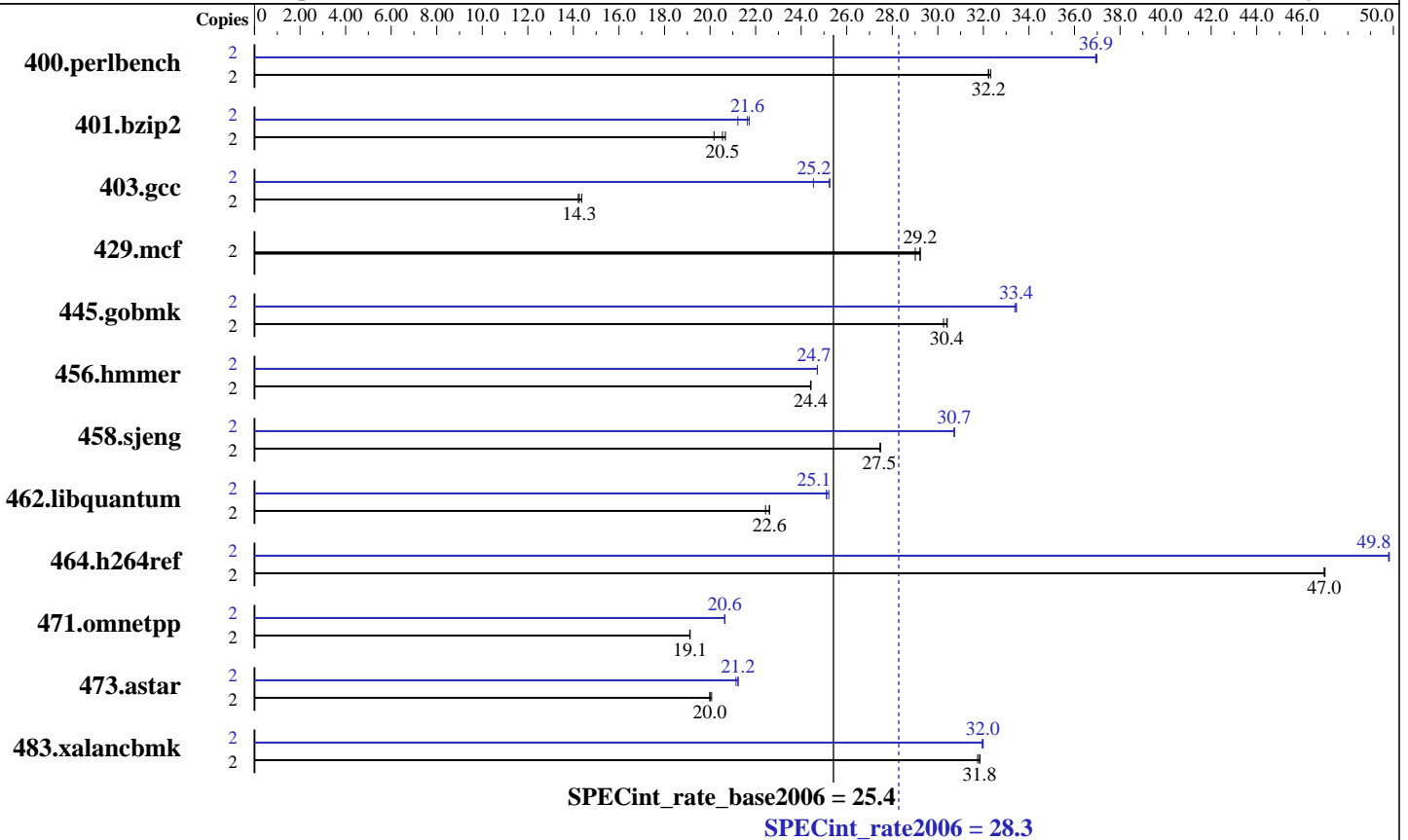
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: May-2007



Hardware

CPU Name: Intel Core 2 Duo T7700
 CPU Characteristics: 2.40 GHz, 4MB L2, 800 MHz Bus
 CPU MHz: 2400
 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 (2x1GB Hynix DDR2-667 CL5)
 Disk Subsystem: 160GB Hitachi SATA, 5400RPM
 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: None
 SmartHeap Library Version 8.0 from
<http://www.microquill.com/>



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

ASUS Computer International
(Test Sponsor: Intel Corporation)

SPECint_rate2006 = 28.3

Asus G2S (Intel Core 2 Duo T7700)

SPECint_rate_base2006 = 25.4

CPU2006 license: 13

Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Jun-2007

Tested by: Intel Corporation

Software Availability: May-2007

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	606	<u>32.2</u>	606	32.2	604	32.3	2	528	37.0	529	36.9	529	<u>36.9</u>
401.bzip2	2	957	20.2	934	20.7	939	<u>20.5</u>	2	889	21.7	909	21.2	892	<u>21.6</u>
403.gcc	2	1133	14.2	1129	<u>14.3</u>	1121	14.4	2	656	24.5	637	25.3	638	<u>25.2</u>
429.mcf	2	624	<u>29.2</u>	629	29.0	624	29.2	2	624	<u>29.2</u>	629	29.0	624	29.2
445.gobmk	2	690	30.4	694	30.3	690	<u>30.4</u>	2	627	33.4	627	<u>33.4</u>	629	33.4
456.hammer	2	764	24.4	764	<u>24.4</u>	764	24.4	2	755	24.7	755	<u>24.7</u>	755	24.7
458.sjeng	2	881	27.5	881	<u>27.5</u>	881	27.5	2	788	<u>30.7</u>	788	30.7	788	30.7
462.libquantum	2	1833	<u>22.6</u>	1833	22.6	1847	22.4	2	1644	25.2	1650	<u>25.1</u>	1651	25.1
464.h264ref	2	942	47.0	942	<u>47.0</u>	942	47.0	2	889	<u>49.8</u>	889	49.8	888	49.8
471.omnetpp	2	654	19.1	654	19.1	654	<u>19.1</u>	2	606	20.6	606	<u>20.6</u>	605	20.7
473.astar	2	702	20.0	702	<u>20.0</u>	700	20.1	2	661	<u>21.2</u>	664	21.1	661	21.2
483.xalancbmk	2	435	31.7	433	<u>31.8</u>	433	31.8	2	432	31.9	431	32.0	432	<u>32.0</u>

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

The system bus runs at 667 MHz
 System was configured with an NVIDIA 8600M GT graphics card
 Binaries were built on Windows XP Professional SP2
 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

Base Optimization Flags

C benchmarks:
 -fast /F512000000 shlw32m.lib -link /FORCE:MULTIPLE

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

ASUS Computer International
(Test Sponsor: Intel Corporation)

SPECint_rate2006 = 28.3

Asus G2S (Intel Core 2 Duo T7700)

SPECint_rate_base2006 = 25.4

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

Test date: Jun-2007
Hardware Availability: Jun-2007
Software Availability: May-2007

Base Optimization Flags (Continued)

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

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

ASUS Computer International
(Test Sponsor: Intel Corporation)

SPECint_rate2006 = 28.3

Asus G2S (Intel Core 2 Duo T7700)

SPECint_rate_base2006 = 25.4

CPU2006 license: 13

Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: May-2007

Peak Optimization Flags (Continued)

456.hmmcr: -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.hmmcr

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.20090714.18.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.20090714.18.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 12:19:40 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 21 August 2007.