



SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECint®_rate2006 = Not Run

IBM BladeCenter HS21 XM (Intel Xeon E5320)

SPECint_rate_base2006 = 58.5

CPU2006 license: 11

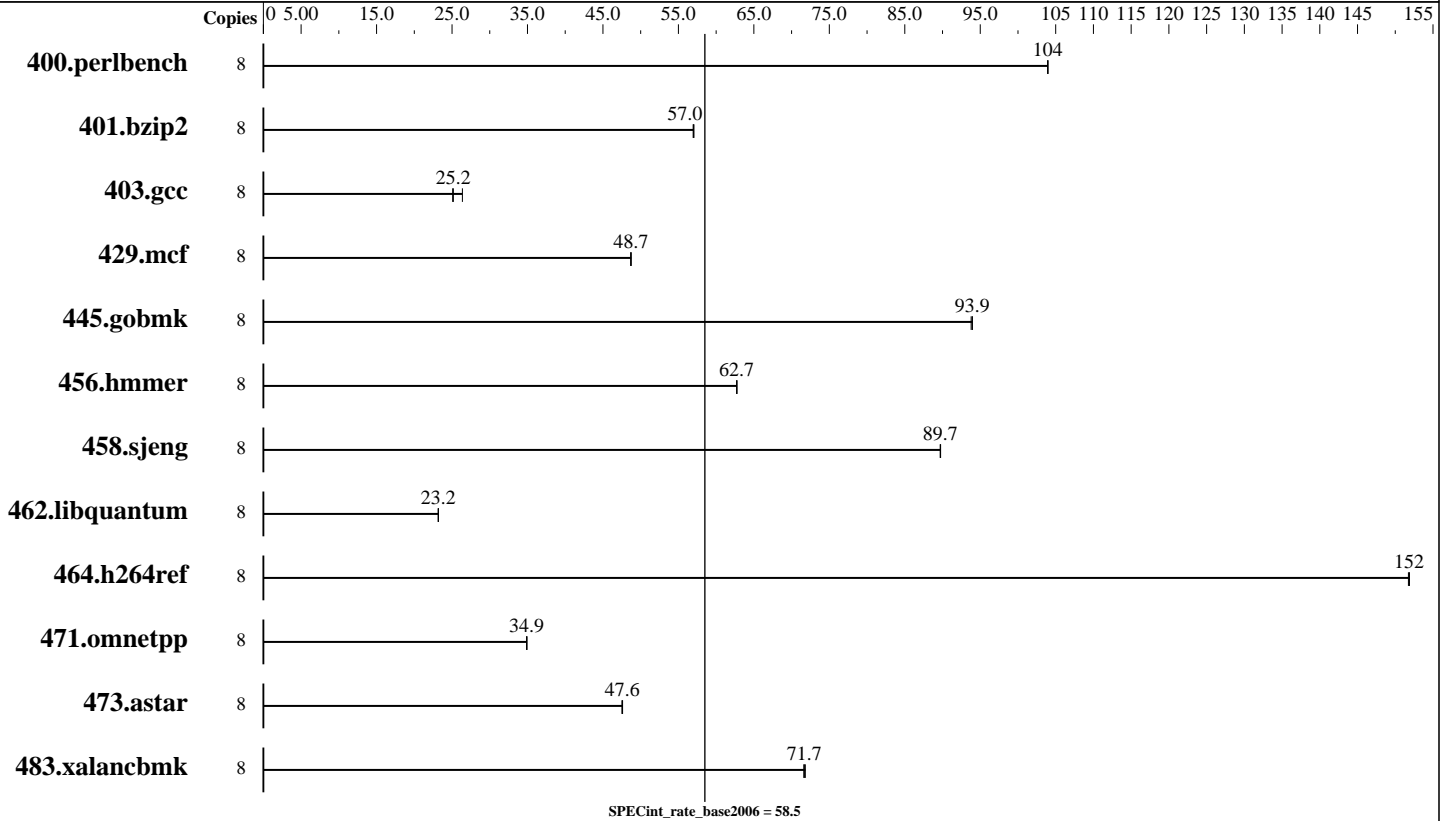
Test sponsor: IBM Corporation

Tested by: IBM Corporation

Test date: Jan-2007

Hardware Availability: Feb-2007

Software Availability: Aug-2006



Hardware

CPU Name: Intel Xeon E5320
 CPU Characteristics: 1066MHz system bus
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2 chips
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 8 MB I+D on chip per chip, 4 MB shared / 2 cores
 L3 Cache: None
 Other Cache: None
 Memory: 16 GB (8 x 2GB DDR2-5300F ECC)
 Disk Subsystem: 1 x 74 GB SAS, 1000 RPM
 Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
 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: Smart Heap Library, Version 8



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECint_rate2006 = Not Run

IBM BladeCenter HS21 XM (Intel Xeon E5320)

SPECint_rate_base2006 = 58.5

CPU2006 license: 11

Test date: Jan-2007

Test sponsor: IBM Corporation

Hardware Availability: Feb-2007

Tested by: IBM 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	8	752	104	752	104	<u>752</u>	<u>104</u>							
401.bzip2	8	1355	57.0	1353	57.1	<u>1355</u>	<u>57.0</u>							
403.gcc	8	<u>2558</u>	<u>25.2</u>	2442	26.4	2567	25.1							
429.mcf	8	1497	48.7	1499	48.7	<u>1498</u>	<u>48.7</u>							
445.gobmk	8	<u>893</u>	<u>93.9</u>	895	93.8	893	94.0							
456.hammer	8	1190	62.7	1190	62.7	<u>1190</u>	<u>62.7</u>							
458.sjeng	8	<u>1079</u>	<u>89.7</u>	1079	89.7	1079	89.7							
462.libquantum	8	7150	23.2	<u>7150</u>	<u>23.2</u>	7149	23.2							
464.h264ref	8	1167	152	1166	152	<u>1166</u>	<u>152</u>							
471.omnetpp	8	1433	34.9	1431	34.9	<u>1433</u>	<u>34.9</u>							
473.astar	8	1182	47.5	<u>1181</u>	<u>47.6</u>	1180	47.6							
483.xalancbmk	8	769	71.8	771	71.6	<u>770</u>	<u>71.7</u>							

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

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



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECint_rate2006 = Not Run

IBM BladeCenter HS21 XM (Intel Xeon E5320)

SPECint_rate_base2006 = 58.5

CPU2006 license: 11

Test sponsor: IBM Corporation

Tested by: IBM Corporation

Test date: Jan-2007

Hardware Availability: Feb-2007

Software Availability: Aug-2006

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.20090714.html>

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090714.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 10:38:20 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 6 March 2007.