



SPEC® CINT2006 Result

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IBM Corporation

SPECint®2006 = **Not Run**

IBM BladeCenter HS21 XM (Intel Xeon 5130)

SPECint_base2006 = **12.5**

CPU2006 license: 11

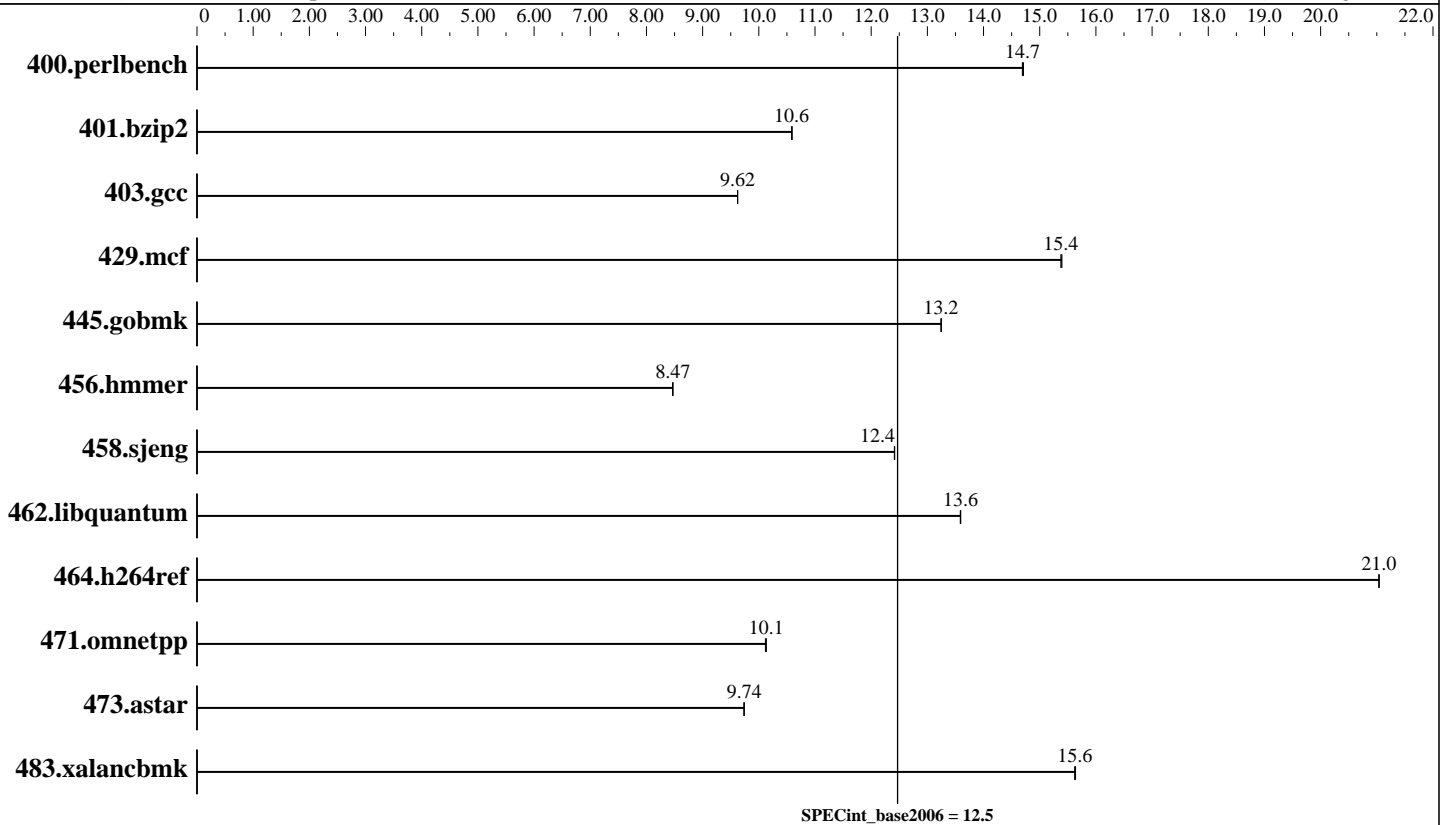
Test date: Jan-2007

Test sponsor: IBM Corporation

Hardware Availability: Feb-2007

Tested by: IBM Corporation

Software Availability: Aug-2006



Hardware

CPU Name: Intel Xeon 5130
 CPU Characteristics: 1333MHz system bus
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2 chips
 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: 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



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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	664	14.7	665	14.7	665	14.7						
401.bzip2	912	10.6	911	10.6	911	10.6						
403.gcc	836	9.63	837	9.62	837	9.62						
429.mcf	593	15.4	592	15.4	593	15.4						
445.gobmk	792	13.2	792	13.2	792	13.2						
456.hmmr	1102	8.47	1102	8.47	1102	8.47						
458.sjeng	975	12.4	975	12.4	974	12.4						
462.libquantum	1524	13.6	1525	13.6	1524	13.6						
464.h264ref	1052	21.0	1052	21.0	1052	21.0						
471.omnetpp	618	10.1	617	10.1	617	10.1						
473.astar	721	9.74	721	9.74	721	9.74						
483.xalancbmk	441	15.6	442	15.6	442	15.6						

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



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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>

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

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