SPEC® CINT2006 Result

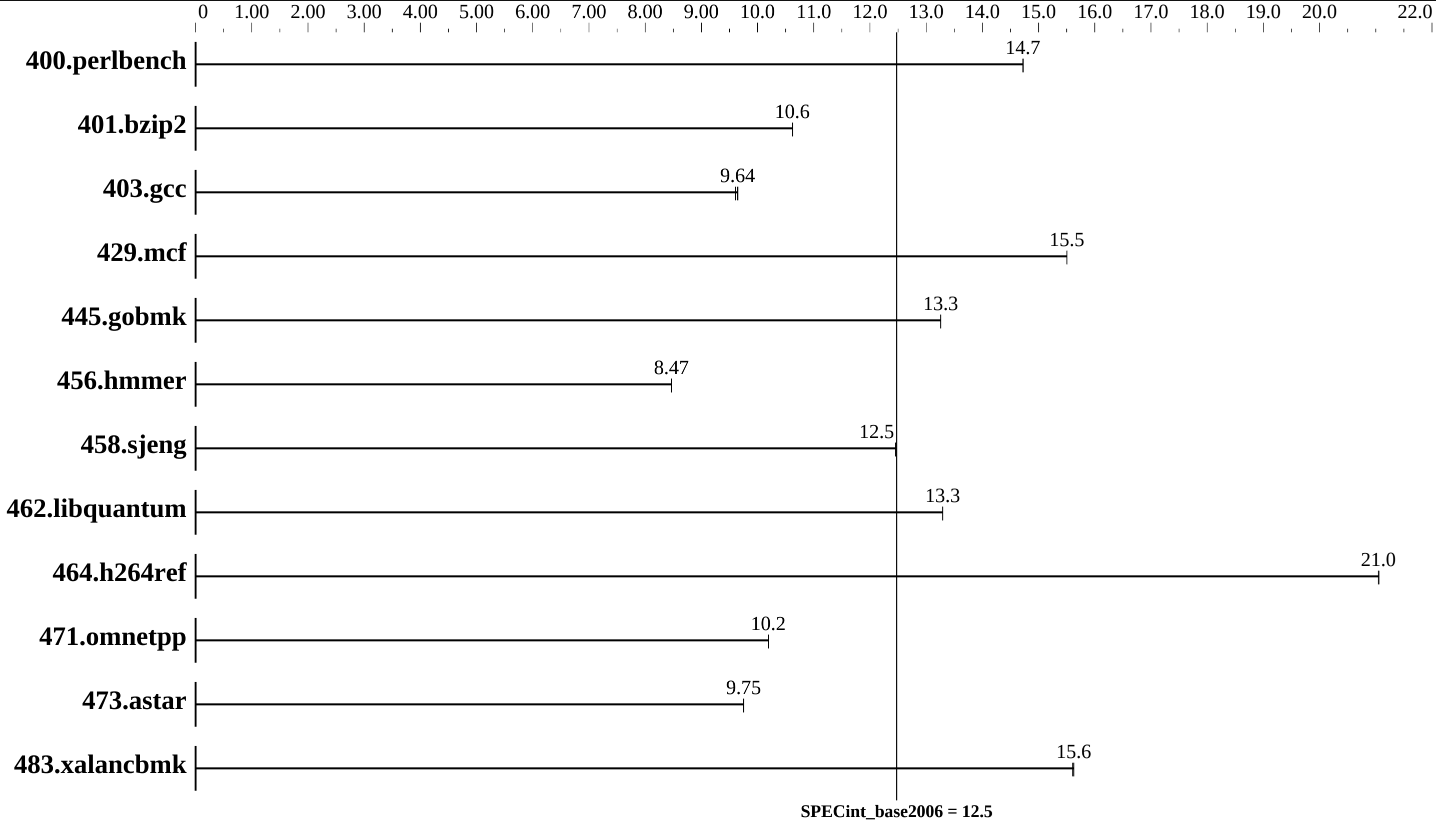
IBM Corporation

IBM BladeCenter HS21 XM (Intel Xeon E5335)

SPECint®2006 = Not Run

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 E5335
CPU Characteristics:	1333MHz system bus
CPU MHz:	2000
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

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	663	14.7	664	14.7	**664**	**14.7**						
401.bzip2	909	10.6	908	10.6	**909**	**10.6**						
403.gcc	834	9.65	**835**	**9.64**	838	9.61						
429.mcf	**588**	**15.5**	588	15.5	588	15.5						
445.gobmk	791	13.3	**791**	**13.3**	791	13.3						
456.hmmer	1102	8.47	**1102**	**8.47**	1102	8.47						
458.sjeng	972	12.5	**972**	**12.5**	972	12.5						
462.libquantum	1559	13.3	**1559**	**13.3**	1559	13.3						
464.h264ref	**1052**	**21.0**	1051	21.1	1052	21.0						
471.omnetpp	**613**	**10.2**	613	10.2	613	10.2						
473.astar	720	9.75	**720**	**9.75**	719	9.76						
483.xalancbmk	**442**	**15.6**	442	15.6	441	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`

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

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

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