SPEC® CINT2006 Result

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IBM Corporation

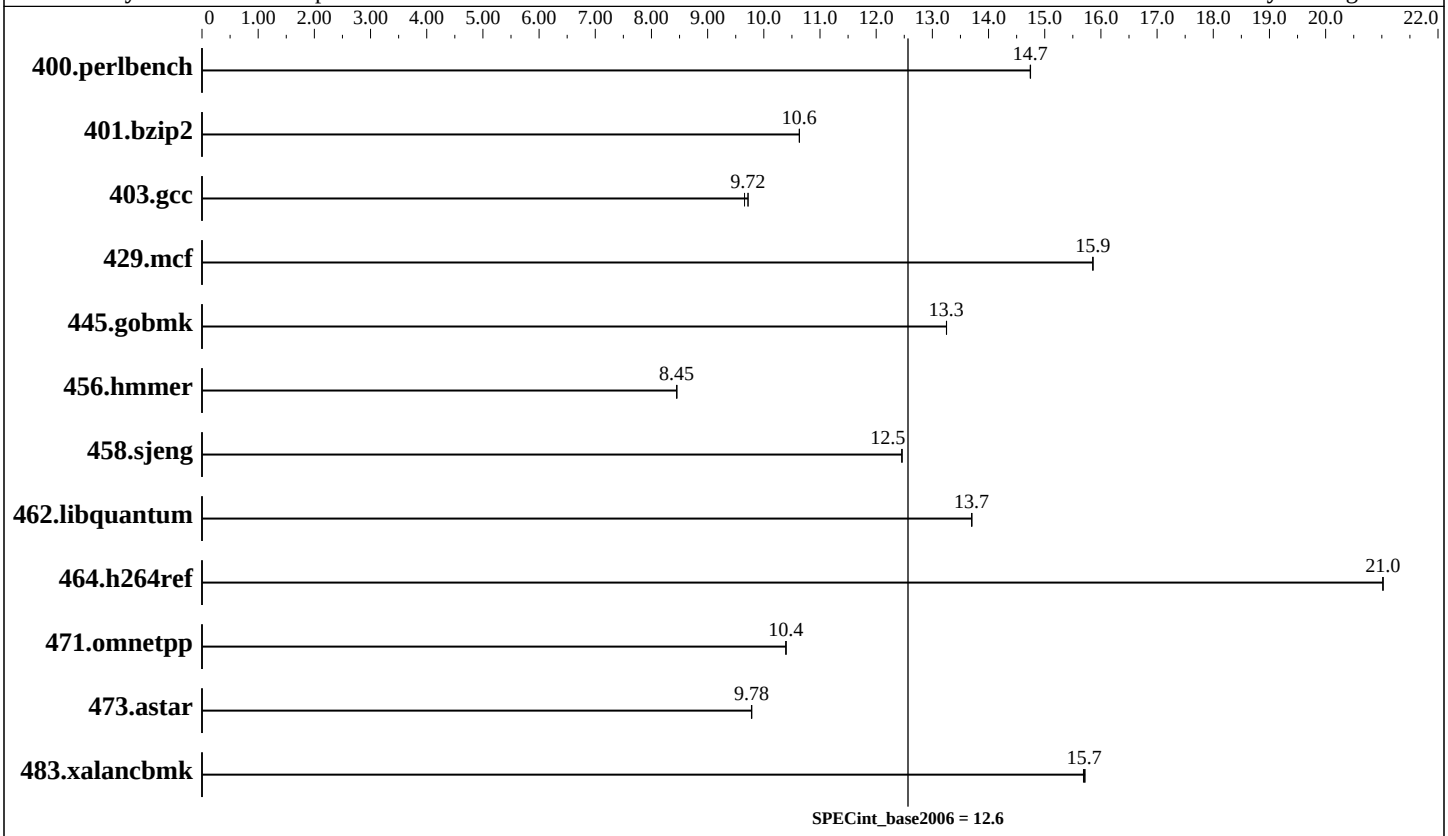
IBM System x3550 (Intel Xeon E5335)

SPECint®2006 = Not Run

SPECint_base2006 = 12.6

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 E5335
CPU Characteristics:	1066MHz system bus
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1 chip
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:	8 GB (8 x 1GB DDR2-5300F ECC)
Disk Subsystem:	1 x 73 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	663	14.7	662	14.7	**663**	**14.7**						
401.bzip2	**908**	**10.6**	907	10.6	908	10.6						
403.gcc	834	9.66	**828**	**9.72**	828	9.72						
429.mcf	575	15.9	**575**	**15.9**	575	15.9						
445.gobmk	**792**	**13.3**	792	13.3	792	13.3						
456.hmmer	**1104**	**8.45**	1104	8.45	1104	8.45						
458.sjeng	971	12.5	**971**	**12.5**	971	12.5						
462.libquantum	**1512**	**13.7**	1512	13.7	1512	13.7						
464.h264ref	1053	21.0	1053	21.0	**1053**	**21.0**						
471.omnetpp	601	10.4	601	10.4	**601**	**10.4**						
473.astar	718	9.78	**717**	**9.78**	717	9.78						
483.xalancbmk	**439**	**15.7**	439	15.7	440	15.7						

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`

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