



# SPEC® CINT2006 Result

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Itautec

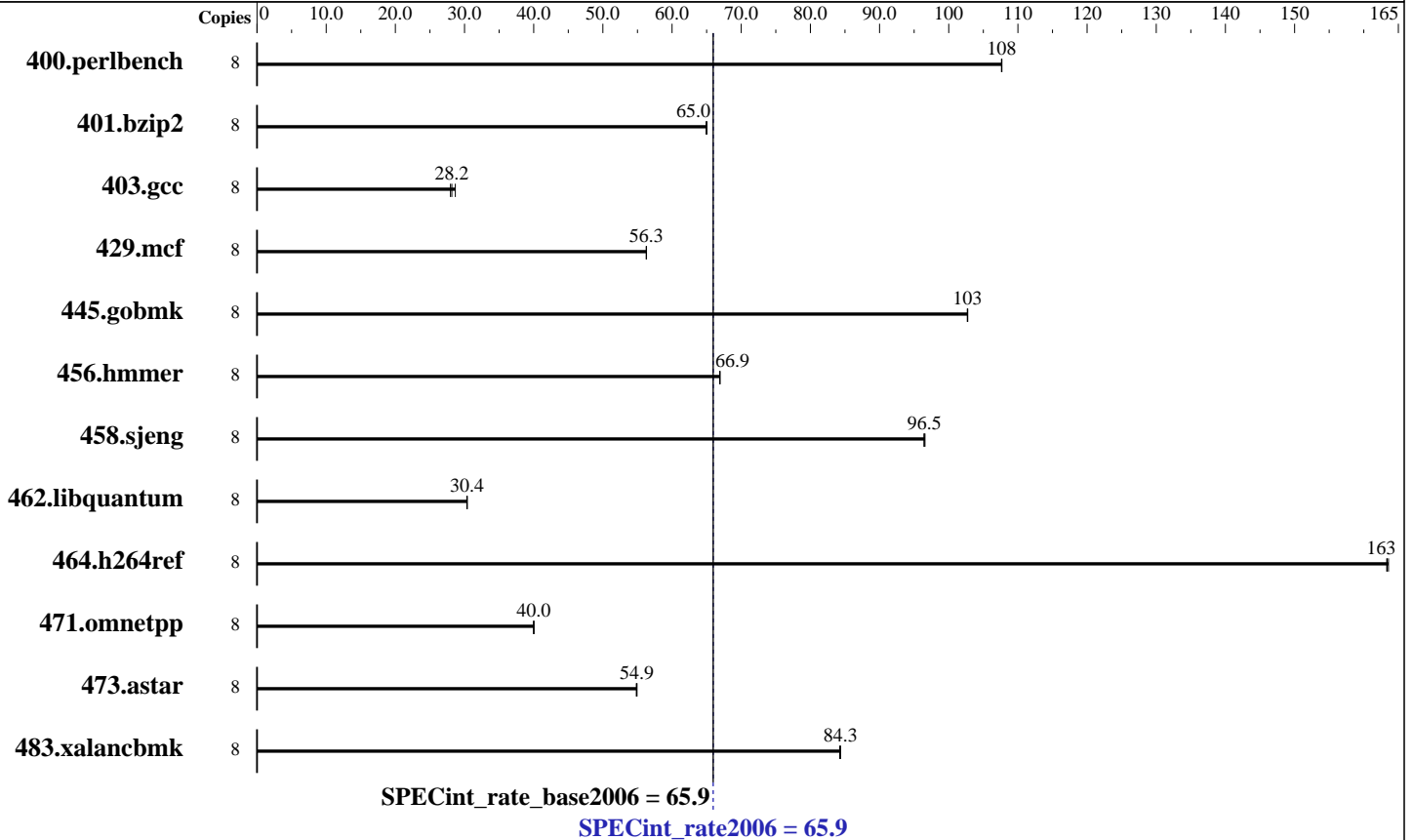
SPECint®\_rate2006 = 65.9

Servidor Itautec MX201 (Intel Xeon E5335)

SPECint\_rate\_base2006 = 65.9

CPU2006 license: 9001  
Test sponsor: Itautec  
Tested by: Itautec

Test date: Feb-2007  
Hardware Availability: Feb-2007  
Software Availability: May-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 (8x2GB DDR2-RAM PC2-5300F CAS 5-5-5)  
 Disk Subsystem: 73 GB SCSI, 10000RPM  
 Other Hardware: None

### Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)  
 Compiler: Intel C++ Compiler for IA32 version 9.1  
 Package ID W\_CC\_C\_9.1.025 Build no 20060519Z  
 Microsoft Visual Studio .NET 2003 7.1.3088 (for libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: Microquill SmartHeap Library v.8.0 for SMP



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## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	726	108	<u>726</u>	<u>108</u>	726	108	8	726	108	<u>726</u>	<u>108</u>	726	108
401.bzip2	8	1189	64.9	<u>1188</u>	<u>65.0</u>	1187	65.0	8	1189	64.9	<u>1188</u>	<u>65.0</u>	1187	65.0
403.gcc	8	2246	28.7	<u>2287</u>	<u>28.2</u>	2303	28.0	8	2246	28.7	<u>2287</u>	<u>28.2</u>	2303	28.0
429.mcf	8	1296	56.3	<u>1296</u>	<u>56.3</u>	1296	56.3	8	1296	56.3	<u>1296</u>	<u>56.3</u>	1296	56.3
445.gobmk	8	817	103	<u>817</u>	<u>103</u>	817	103	8	817	103	<u>817</u>	<u>103</u>	817	103
456.hammer	8	1115	66.9	1116	66.9	<u>1115</u>	<u>66.9</u>	8	1115	66.9	1116	66.9	<u>1115</u>	<u>66.9</u>
458.sjeng	8	1004	96.4	<u>1003</u>	<u>96.5</u>	1002	96.6	8	1004	96.4	<u>1003</u>	<u>96.5</u>	1002	96.6
462.libquantum	8	5456	30.4	5465	30.3	<u>5456</u>	<u>30.4</u>	8	5456	30.4	5465	30.3	<u>5456</u>	<u>30.4</u>
464.h264ref	8	<u>1084</u>	<u>163</u>	1082	164	1084	163	8	<u>1084</u>	<u>163</u>	1082	164	1084	163
471.omnetpp	8	<u>1249</u>	<u>40.0</u>	1251	40.0	1249	40.0	8	<u>1249</u>	<u>40.0</u>	1251	40.0	1249	40.0
473.astar	8	1022	54.9	<u>1023</u>	<u>54.9</u>	1024	54.8	8	1022	54.9	<u>1023</u>	<u>54.9</u>	1024	54.8
483.xalancbmk	8	654	84.3	<u>654</u>	<u>84.3</u>	655	84.2	8	654	84.3	<u>654</u>	<u>84.3</u>	655	84.2

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

## General Notes

This result was measured on the Servidor Itaotec MX221.  
The Servidor Itaotec MX221 and the Servidor Itaotec MX201  
are electronically equivalent.

## 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 shlsmpmt.lib -link /FORCE:MULTIPLE

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## Base Optimization Flags (Continued)

C++ benchmarks:  
-fast -Qcxx\_features /F512000000 sh1SMPMt.lib  
-link /FORCE:MULTIPLE

## Base Other Flags

C benchmarks:  
403.gcc: -Dalloca=\_alloca

## Peak Optimization Flags

C benchmarks:  
400.perlbench: basepeak = yes  
401.bzip2: basepeak = yes  
403.gcc: basepeak = yes  
429.mcf: basepeak = yes  
445.gobmk: basepeak = yes  
456.hmmmer: basepeak = yes  
458.sjeng: basepeak = yes  
462.libquantum: basepeak = yes  
464.h264ref: basepeak = yes  
C++ benchmarks:  
471.omnetpp: basepeak = yes  
473.astar: basepeak = yes  
483.xalancbmk: basepeak = yes

The flags file that was used to format this result can be browsed at  
<http://www.spec.org/cpu2006/flags/Itaotec-ic91-flags.20090714.html>

You can also download the XML flags source by saving the following link:  
<http://www.spec.org/cpu2006/flags/Itaotec-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](mailto:webmaster@spec.org).

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