



# SPEC® CINT2006 Result

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## Fujitsu Siemens Computers

### SPECint®\_rate2006 = 28.2

### CELSIUS H250, Intel Core 2 Duo T7700 processor

### SPECint\_rate\_base2006 = 27.0

CPU2006 license: 22

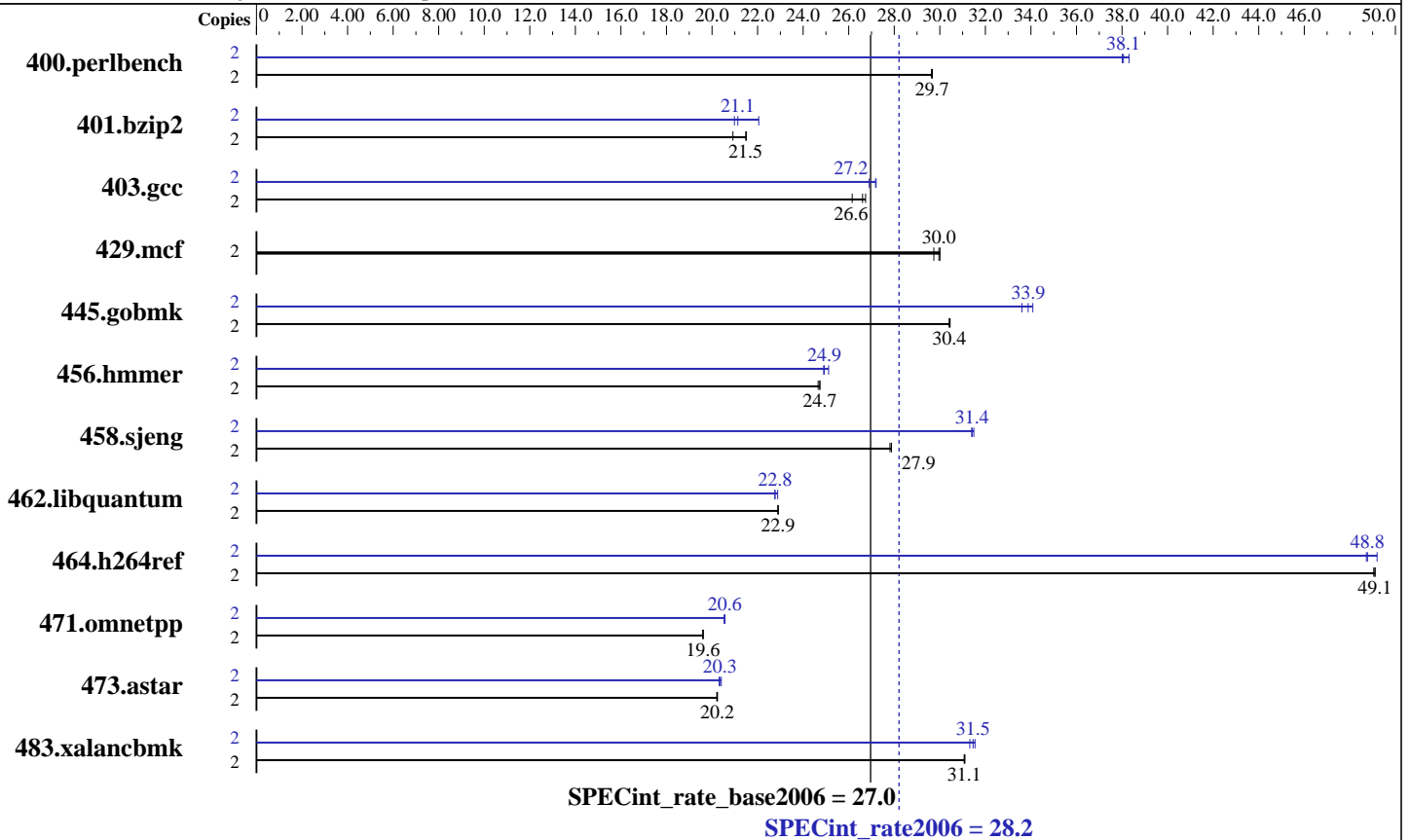
Test date: Jul-2007

Test sponsor: Fujitsu Siemens Computers

Hardware Availability: Jul-2007

Tested by: Fujitsu Siemens Computers

Software Availability: Jun-2007



### Hardware

CPU Name: Intel Core 2 Duo T7700  
 CPU Characteristics:  
 CPU MHz: 2400  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 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: 2 GB (2x1 GB 667 MHz CL5 DDR2 SDRAM)  
 Disk Subsystem: 1 x 80 GB SATA 7200 RPM  
 Other Hardware: None

### Software

Operating System: Windows Vista Ultimate, 64 bit Version  
 Compiler: Intel C++ Compiler for applications  
 . running on IA-32, Version 10.0,  
 . Build 20070613, Package ID: W\_CC\_C\_10.0.026  
 Microsoft Visual Studio 2005 with SP1 (for  
 libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: MicroQuill SmartHeap Library 8.1



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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	2	659	29.7	<b>659</b>	<b>29.7</b>	659	29.6	2	510	38.3	<b>513</b>	<b>38.1</b>	514	38.0
401.bzip2	2	897	21.5	923	20.9	<b>899</b>	<b>21.5</b>	2	875	22.1	920	21.0	<b>913</b>	<b>21.1</b>
403.gcc	2	<b>605</b>	<b>26.6</b>	616	26.2	602	26.7	2	599	26.9	<b>592</b>	<b>27.2</b>	592	27.2
429.mcf	2	<b>609</b>	<b>30.0</b>	608	30.0	613	29.7	2	<b>609</b>	<b>30.0</b>	608	30.0	613	29.7
445.gobmk	2	690	30.4	<b>690</b>	<b>30.4</b>	689	30.5	2	616	34.1	624	33.6	<b>619</b>	<b>33.9</b>
456.hammer	2	757	24.7	754	24.7	<b>755</b>	<b>24.7</b>	2	743	25.1	<b>749</b>	<b>24.9</b>	749	24.9
458.sjeng	2	<b>868</b>	<b>27.9</b>	870	27.8	868	27.9	2	768	31.5	771	31.4	<b>770</b>	<b>31.4</b>
462.libquantum	2	<b>1809</b>	<b>22.9</b>	1810	22.9	1809	22.9	2	1811	22.9	<b>1820</b>	<b>22.8</b>	1821	22.8
464.h264ref	2	901	49.1	<b>901</b>	<b>49.1</b>	902	49.0	2	900	49.2	908	48.7	<b>907</b>	<b>48.8</b>
471.omnetpp	2	638	19.6	637	19.6	<b>638</b>	<b>19.6</b>	2	<b>608</b>	<b>20.6</b>	608	20.6	609	20.5
473.astar	2	695	20.2	694	20.2	<b>694</b>	<b>20.2</b>	2	<b>690</b>	<b>20.3</b>	688	20.4	691	20.3
483.xalancbmk	2	444	31.1	<b>444</b>	<b>31.1</b>	444	31.1	2	441	31.3	437	31.5	<b>439</b>	<b>31.5</b>

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

## Platform Notes

BIOS default settings have been used.

## General Notes

For information about Fujitsu Siemens Computers in your country please see:  
<http://www.fujitsu-siemens.com/countries>

## Compiler Invocation

C benchmarks:  
icl -Qvc8 -Qc99

C++ benchmarks:  
icl -Qvc8

## Portability Flags

403.gcc: -DSPEC\_CPU\_WIN32  
464.h264ref: -DSPEC\_CPU\_NO\_INTTYPES -DWIN32  
483.xalancbmk: -Qoption,cpp,--no\_wchar\_t\_keyword



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## Base Optimization Flags

C benchmarks:

-fast -F512000000 -link -FORCE:MULTIPLE

C++ benchmarks:

-fast -Qcxx-features -F512000000 shlW32M.lib -link -FORCE:MULTIPLE

## Peak Optimization Flags

C benchmarks:

400.perlbench: -Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -F512000000  
shlW32M.lib -link -FORCE:MULTIPLE

401.bzip2: Same as 400.perlbench

403.gcc: -Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -F512000000  
-link -FORCE:MULTIPLE

429.mcf: basepeak = yes

445.gobmk: Same as 400.perlbench

456.hmmer: Same as 400.perlbench

458.sjeng: Same as 400.perlbench

462.libquantum: Same as 400.perlbench

464.h264ref: Same as 400.perlbench

C++ benchmarks:

-Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -Qcxx-features  
-F512000000 shlW32M.lib -link -FORCE:MULTIPLE

## 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/CPU2006\\_flags.20090714.14.html](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.14.html)

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

[http://www.spec.org/cpu2006/flags/CPU2006\\_flags.20090714.14.xml](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.14.xml)

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Page 3



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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).

Tested with SPEC CPU2006 v1.0.  
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