SPEC® CINT2006 Result

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Fujitsu Siemens Computers

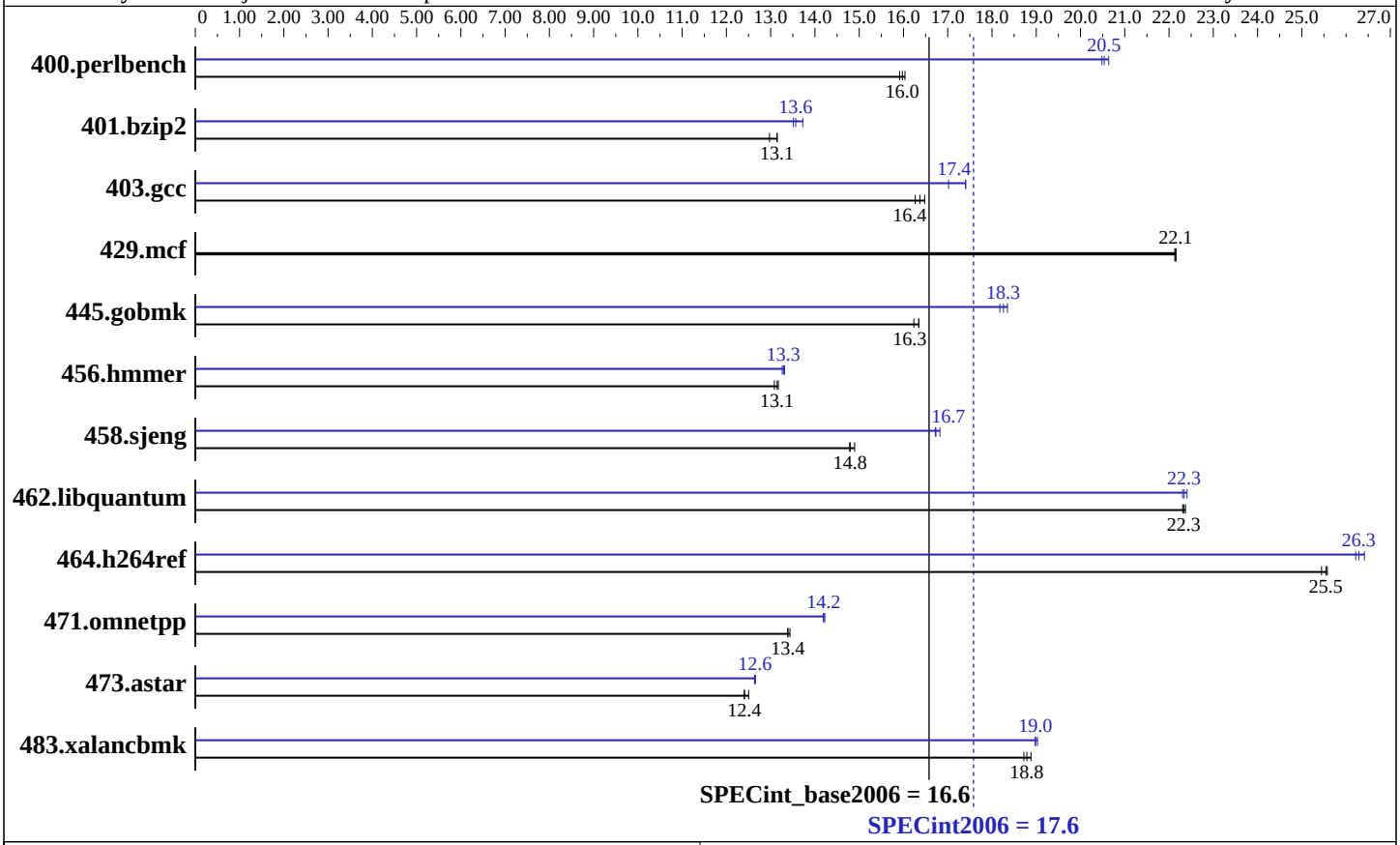
CELSIUS H250, Intel Core 2 Duo T7700 processor

SPECint®2006 = 17.6

SPECint_base2006 = 16.6

CPU2006 license: 22
Test sponsor: Fujitsu Siemens Computers
Tested by: Fujitsu Siemens Computers

Test date: Jul-2007
Hardware Availability: Jul-2007
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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	609	16.0	**612**	**16.0**	614	15.9	473	20.6	**476**	**20.5**	477	20.5
401.bzip2	744	13.0	734	13.1	**734**	**13.1**	703	13.7	**711**	**13.6**	714	13.5
403.gcc	488	16.5	**492**	**16.4**	495	16.3	**463**	**17.4**	462	17.4	473	17.0
429.mcf	412	22.2	412	22.1	**412**	**22.1**	412	22.2	412	22.1	**412**	**22.1**
445.gobmk	642	16.3	**642**	**16.3**	646	16.2	572	18.4	**575**	**18.3**	577	18.2
456.hmmer	708	13.2	**710**	**13.1**	713	13.1	701	13.3	**702**	**13.3**	704	13.3
458.sjeng	812	14.9	**818**	**14.8**	818	14.8	719	16.8	**723**	**16.7**	724	16.7
462.libquantum	929	22.3	**928**	**22.3**	926	22.4	925	22.4	929	22.3	**927**	**22.3**
464.h264ref	870	25.4	865	25.6	**866**	**25.5**	838	26.4	**842**	**26.3**	844	26.2
471.omnetpp	467	13.4	**467**	**13.4**	465	13.4	439	14.2	**440**	**14.2**	441	14.2
473.astar	566	12.4	**566**	**12.4**	561	12.5	555	12.7	**555**	**12.6**	556	12.6
483.xalancbmk	369	18.7	**367**	**18.8**	365	18.9	363	19.0	**363**	**19.0**	364	19.0

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
```

Base Compiler Invocation

C benchmarks:

```
icl -Qvc8 -Qc99
```

C++ benchmarks:

```
icl -Qvc8
```

Base Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`
483.xalancbmk: `-Qoption,cpp,--no_wchar_t_keyword`

Base Optimization Flags

C benchmarks:
```
-fast -F512000000 -link -FORCE:MULTIPLE
```

C++ benchmarks:
```
-fast -Qcxx-features -F512000000 shlW32M.lib -link -FORCE:MULTIPLE
```

Base Other Flags

C benchmarks:

403.gcc: `-Dalloca=_alloca`

Peak Compiler Invocation

C benchmarks:
```
icl -Qvc8 -Qc99
```

C++ benchmarks:
```
icl -Qvc8
```

Peak Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`
483.xalancbmk: `-Qoption,cpp,--no_wchar_t_keyword`

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

Continued on next page

Peak Optimization Flags (Continued)

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

Peak 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

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.14.xml

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