SPEC® CINT2006 Result

Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECint®2006 =   Not Run

SPECint_base2006 =   12.3

CPU2006 license #:	2433	Test sponsor: DPT Comp.Sciences, Univ.Valladolid	Test date:	Nov-2007	Hardware Availability:	Oct-2007	Software Availability:	Oct-2007
		Tested by:	Sergio Aldea					

Benchmark	Result
400.perlbench	12.6
401.bzip2	9.15
403.gcc	13.5
429.mcf	17.7
445.gobmk	12.3
456.hmmer	9.77
458.sjeng	11.5
462.libquantum	22.0
464.h264ref	19.0
471.omnetpp	10.3
473.astar	8.47
483.xalancbmk	8.42

SPECint_base2006 = 12.3

Hardware

CPU Name:	i686 Intel Core 2 CPU E6300
CPU Characteristics:	1.86 GHz, 1066 MHz bus
CPU MHz:	1865
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:	2 MB I+D on chip per core
L3 Cache:	None
Other Cache:	None
Memory:	3 GB (2x512MB + 2x1GB DDR2 667MHz)
Disk Subsystem:	Seagate St3250820as 250GB SATA II (7200 rpm, 8MB Cache, ATA300)
Other Hardware:	--

Software

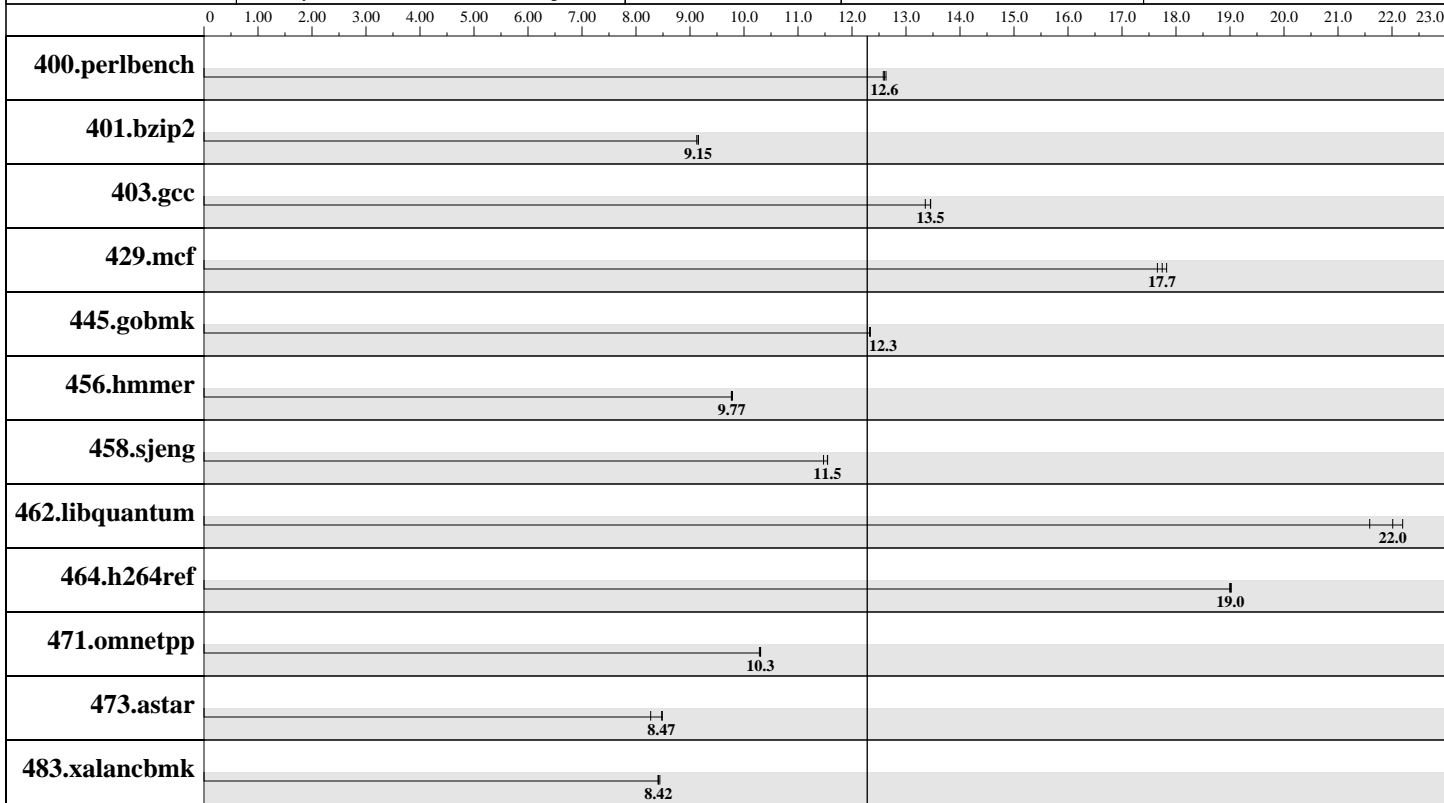|	
Operating System:	Mandriva Linux release 2007.1 (Official) for i586
Compiler:	Intel C++ Compiler 10.0 Professional Edition for Linux (20070809) Intel Fortran Compiler 10.0 Professional Edition for Linux (20070809)
Auto Parallel:	No
File System:	ext3
System State:	runlevel 5
Base Pointers:	32-bit
Peak Pointers:	32-bit
Other Software:	None

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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	**775**	**12.6**	774	12.6	777	12.6						
401.bzip2	**1050**	**9.15**	1060	9.13	1050	9.16						
403.gcc	603	13.4	**598**	**13.5**	598	13.5						
429.mcf	**514**	**17.7**	517	17.7	512	17.8						
445.gobmk	851	12.3	**850**	**12.3**	850	12.3						
456.hmmer	955	9.77	953	9.79	**955**	**9.77**						
458.sjeng	1050	11.5	**1050**	**11.5**	1050	11.5						
462.libquantum	960	21.6	**941**	**22.0**	933	22.2						
464.h264ref	1170	19.0	1160	19.0	**1160**	**19.0**						
471.omnetpp	608	10.3	606	10.3	**607**	**10.3**						
473.astar	849	8.27	**828**	**8.47**	827	8.49						
483.xalancbmk	**820**	**8.42**	817	8.44	821	8.41						

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

General Notes

```
400.perlbench: -DSPEC_CPU_LINUX_IA32
462.libquantum: -DSPEC_CPU_LINUX
C base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
C++ base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
Fortran base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
```

Base Compiler Invocation

C benchmarks:
```
icc
```

C++ benchmarks:
```
icpc
```

Base Portability Flags

C benchmarks (except as noted below):
```
No flags used
```

   400.perlbench: -DSPEC_CPU_LINUX_IA32

   462.libquantum: -DSPEC_CPU_LINUX

C++ benchmarks:

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Base Portability Flags (Continued)

471.omnetpp: `No flags used`

473.astar: `-DSPEC_CPU_LITTLE_ENDIAN`

483.xalancbmk: `-DSPEC_CPU_LINUX`

Base Optimization Flags

C benchmarks:
```
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
```

C++ benchmarks:
```
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
```

Base Other Flags

C benchmarks:
```
No flags used
```

C++ benchmarks:
```
No flags used
```

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