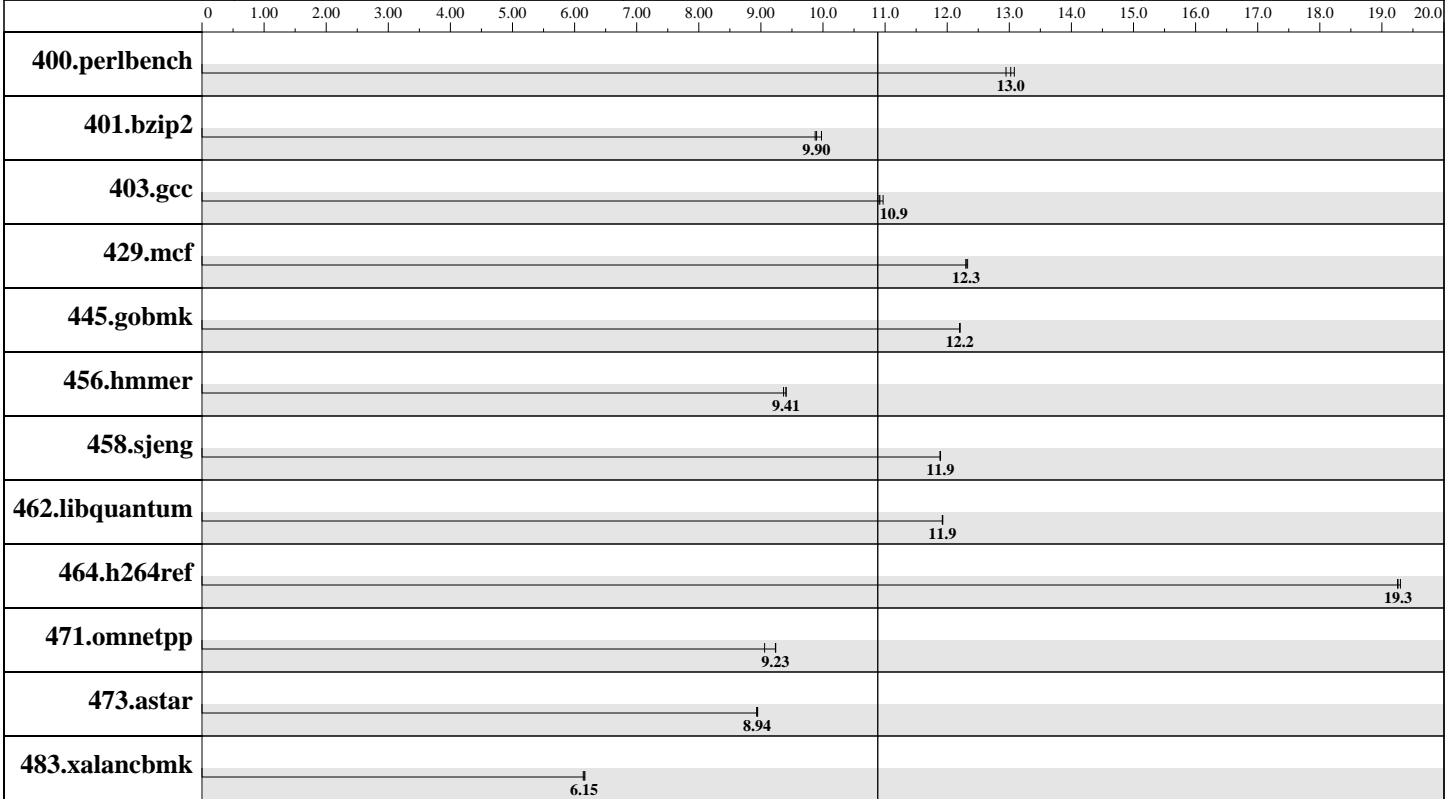# SPEC® CINT2006 Result
Copyright ©2006 Standard Performance Evaluation Corporation

Sti Tecnologias de la Informacion	SPECint®2006 =	Not Run
Intel Core 2 Duo 6300	SPECint_base2006 =	10.9

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					

```
                  0   1.00  2.00  3.00  4.00  5.00  6.00  7.00  8.00  9.00  10.0  11.0  12.0  13.0  14.0  15.0  16.0  17.0  18.0  19.0  20.0

400.perlbench                                                                                            13.0

401.bzip2                                                                                   9.90

403.gcc                                                                                        10.9

429.mcf                                                                                             12.3

445.gobmk                                                                                           12.2

456.hmmer                                                                                  9.41

458.sjeng                                                                                         11.9

462.libquantum                                                                                   11.9

464.h264ref                                                                                                          19.3

471.omnetpp                                                                               9.23

473.astar                                                                                8.94

483.xalancbmk                                                                      6.15
```

SPECint_base2006 = 10.9

Hardware

CPU Name:	x86_64 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:	64-bit
Peak Pointers:	64-bit
Other Software:	None

SPEC CINT2006 Result
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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	**750**	**13.0**	755	12.9	747	13.1						
401.bzip2	**975**	**9.90**	967	9.98	977	9.87						
403.gcc	**737**	**10.9**	734	11.0	738	10.9						
429.mcf	741	12.3	740	12.3	**741**	**12.3**						
445.gobmk	859	12.2	860	12.2	**860**	**12.2**						
456.hmmer	992	9.41	**992**	**9.41**	996	9.37						
458.sjeng	1020	11.9	1020	11.9	**1020**	**11.9**						
462.libquantum	1740	11.9	1740	11.9	**1740**	**11.9**						
464.h264ref	**1150**	**19.3**	1150	19.3	1150	19.3						
471.omnetpp	676	9.24	**677**	**9.23**	690	9.06						
473.astar	786	8.93	**785**	**8.94**	785	8.95						
483.xalancbmk	1120	6.17	1120	6.14	**1120**	**6.15**						

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

General Notes

```
PORTABILITY=-DSPEC_CPU_LP64 is applied to all benchmarks in base.
400.perlbench: -DSPEC_CPU_LINUX_X64
462.libquantum: -DSPEC_CPU_LINUX
C base flags: -O3 -ipo -xW -no-prec-div -axW -funroll-all-loops
C++ base flags: -O3 -ipo -xW -no-prec-div -axW -funroll-all-loops
Fortran base flags: -O3 -ipo -xW -no-prec-div -axW -funroll-all-loops
```

Base Compiler Invocation

C benchmarks:
```
icc
```

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

Base Portability Flags

C benchmarks (except as noted below):
```
-DSPEC_CPU_LP64
```

```
400.perlbench: -DSPEC_CPU_LINUX_X64 -DSPEC_CPU_LP64
```

```
403.gcc: -DSPEC_CPU_LP64
```

```
462.libquantum: -DSPEC_CPU_LINUX -DSPEC_CPU_LP64
```

SPEC CINT2006 Result
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Sti Tecnologias de la Informacion	SPECint2006 = Not Run
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		Tested by: Sergio Aldea					

Base Portability Flags (Continued)

C++ benchmarks:

471.omnetpp: -DSPEC_CPU_LP64

473.astar: -DSPEC_CPU_LITTLE_ENDIAN -DSPEC_CPU_LP64

483.xalancbmk: -DSPEC_CPU_LINUX -DSPEC_CPU_LP64

Base Optimization Flags

C benchmarks:
```
-O3 -ipo -no-prec-div -funroll-all-loops -axW -xW
```

C++ benchmarks:
```
-O3 -ipo -no-prec-div -funroll-all-loops -axW -xW
```

Base Other Flags

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

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

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