

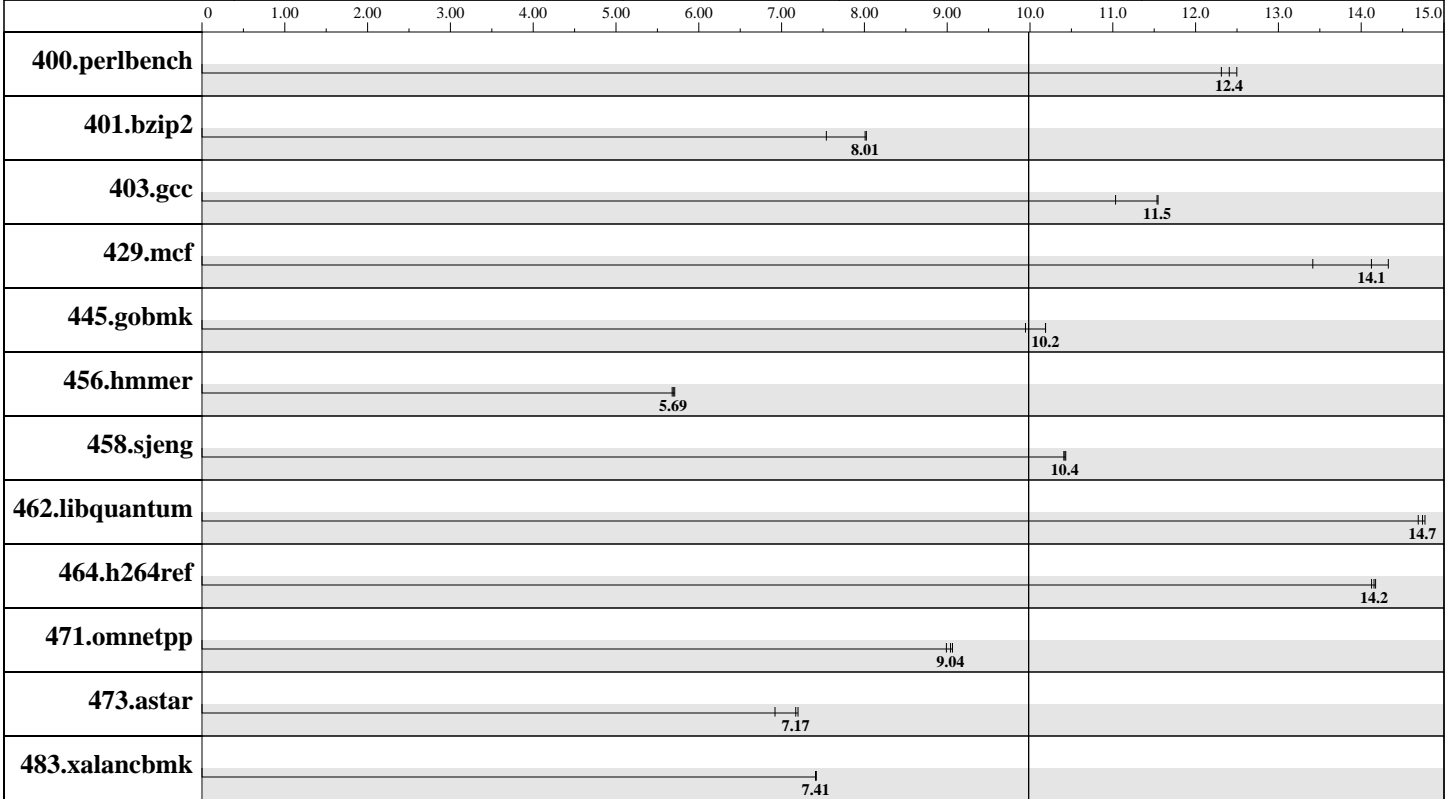
SPEC® CINT2006 Result

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Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECint®2006 = **Not Run**
SPECint_base2006 = **9.98**

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



SPECint_base2006 = 9.98

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: gcc , g++ & gfortran 4.1.2 20070302 (prerelease)
 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	794	12.3	782	12.5	<u>787</u>	<u>12.4</u>						
401.bzip2	1280	7.54	1200	8.02	<u>1200</u>	<u>8.01</u>						
403.gcc	730	11.0	697	11.5	<u>698</u>	<u>11.5</u>						
429.mcf	680	13.4	637	14.3	<u>646</u>	<u>14.1</u>						
445.gobmk	1050	9.95	1030	10.2	<u>1030</u>	<u>10.2</u>						
456.hammer	1640	5.68	1630	5.71	<u>1640</u>	<u>5.69</u>						
458.sjeng	<u>1160</u>	<u>10.4</u>	1160	10.4	1160	10.4						
462.libquantum	1410	14.7	1400	14.8	<u>1410</u>	<u>14.7</u>						
464.h264ref	1570	14.1	<u>1560</u>	<u>14.2</u>	1560	14.2						
471.omnetpp	695	8.99	690	9.06	<u>691</u>	<u>9.04</u>						
473.astar	1010	6.92	<u>979</u>	<u>7.17</u>	975	7.20						
483.xalancbmk	931	7.41	930	7.42	<u>931</u>	<u>7.41</u>						

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 -funroll-loops -fno-inline-functions -ftree-vectorize
C++ base flags: -O3 -funroll-loops -fno-inline-functions -ftree-vectorize
Fortran base flags: -O3 -funroll-loops -fno-inline-functions -ftree-vectorize

Base Compiler Invocation

C benchmarks:
gcc

C++ benchmarks:
g++

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 -funroll-loops -fno-inline-functions -ftree-vectorize

C++ benchmarks:

-O3 -funroll-loops -fno-inline-functions -ftree-vectorize

Base Other Flags

C benchmarks:

No flags used

C++ benchmarks:

No flags used

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