

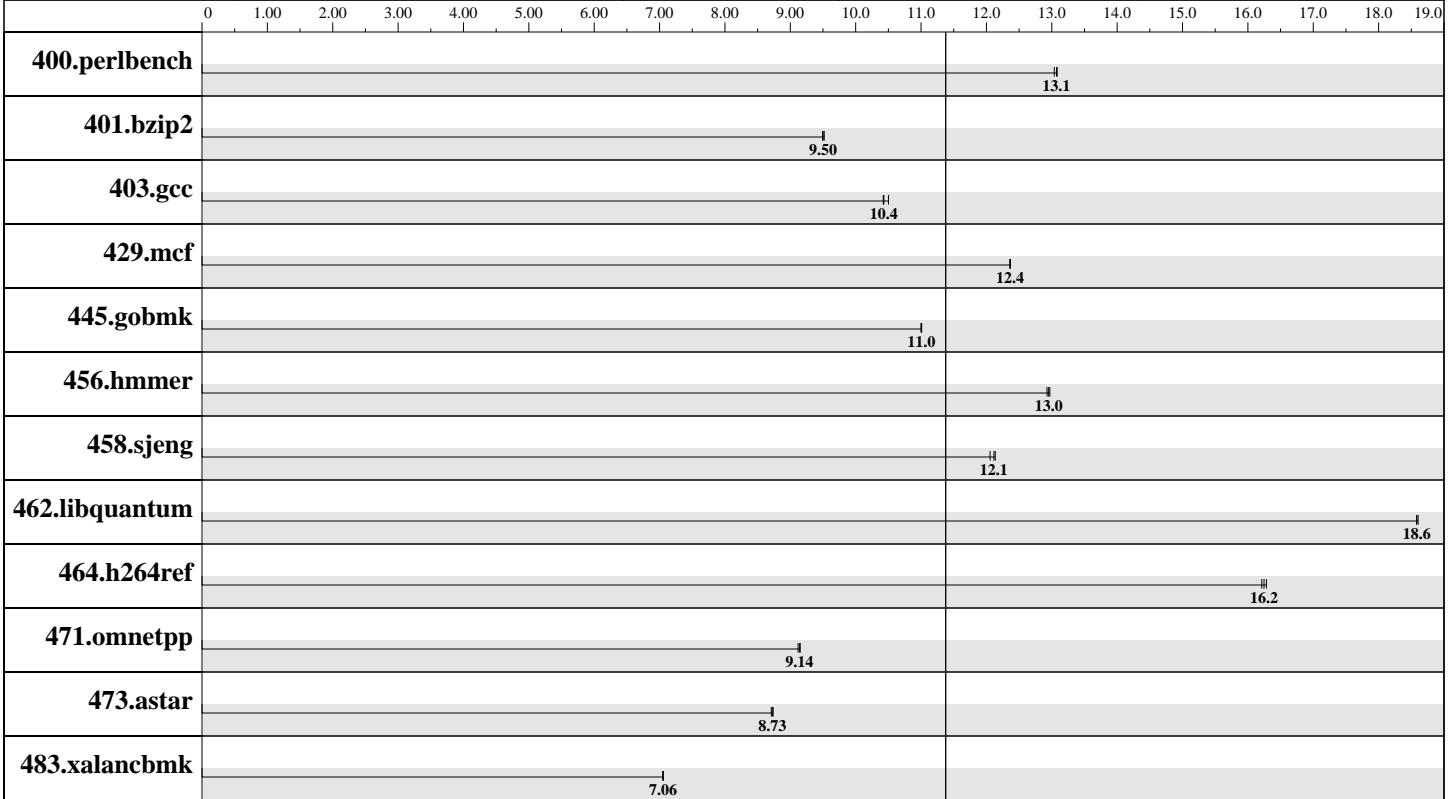
SPEC® CINT2006 Result

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Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECint®2006 = Not Run
SPECint_base2006 = 11.4

CPU2006 license #: 2433 Test sponsor: DPT Comp.Sciences, Univ.Valladolid Test date: Mar-2008 Hardware Availability: Oct-2007 Software Availability: Feb-2008
Tested by: Sergio Aldea



SPECint_base2006 = 11.4

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: Sun C 5.9 Linux_i386 Patch 124871-01
 Sun C++ 5.9 Linux_i386 Patch 124865-01
 Sun Fortran 95 8.3 Linux_i386 Patch 127145-01
 Auto Parallel: No
 File System: ext3
 System State: runlevel 5
 Base Pointers: 64-bit
 Peak Pointers: 64-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	<u>747</u>	<u>13.1</u>	747	13.1	749	13.0						
401.bzip2	1020	9.49	<u>1020</u>	<u>9.50</u>	1010	9.52						
403.gcc	<u>772</u>	<u>10.4</u>	767	10.5	772	10.4						
429.mcf	738	12.4	737	12.4	<u>738</u>	<u>12.4</u>						
445.gobmk	<u>953</u>	<u>11.0</u>	953	11.0	954	11.0						
456.hammer	719	13.0	<u>720</u>	<u>13.0</u>	722	12.9						
458.sjeng	<u>999</u>	<u>12.1</u>	997	12.1	1000	12.1						
462.libquantum	<u>1110</u>	<u>18.6</u>	1120	18.6	1110	18.6						
464.h264ref	1360	16.2	1360	16.3	<u>1360</u>	<u>16.2</u>						
471.omnetpp	683	9.15	685	9.12	<u>684</u>	<u>9.14</u>						
473.astar	804	8.74	806	8.71	<u>804</u>	<u>8.73</u>						
483.xalancbmk	<u>978</u>	<u>7.06</u>	977	7.06	979	7.05						

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: -fast -xarch=sse3 -m64

C++ base flags: -fast -xarch=sse3 -m64 -library=stlport4 (except for 453.povray)

Fortran base flags: -fast -xarch=sse3 -m64

Base Compiler Invocation

C benchmarks:
suncc

C++ benchmarks:
CC

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

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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:

-fast -xarch=sse3 -m64

C++ benchmarks:

-fast -library=stlport4 -xarch=sse3 -m64

Base Other Flags

C benchmarks:

No flags used

C++ benchmarks:

No flags used

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