

SPEC® CINT2006 Result

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Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECint®2006 = Not Run
SPECint_base2006 = 11.5

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



SPECint_base2006 = 11.5

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: 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: 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	790	12.4	789	12.4	791	12.4						
401.bzip2	1120	8.64	1120	8.65	1120	8.63						
403.gcc	681	11.8	681	11.8	681	11.8						
429.mcf	547	16.7	546	16.7	548	16.6						
445.gobmk	948	11.1	947	11.1	948	11.1						
456.hammer	885	10.5	885	10.5	885	10.5						
458.sjeng	1040	11.6	1040	11.7	1040	11.6						
462.libquantum	1170	17.7	1170	17.6	1170	17.8						
464.h264ref	1310	16.8	1310	16.8	1310	16.8						
471.omnetpp	685	9.13	682	9.16	682	9.16						
473.astar	858	8.18	861	8.16	860	8.16						
483.xalancbmk	844	8.17	844	8.17	845	8.16						

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

Base Compiler Invocation

C benchmarks:
suncc

C++ benchmarks:
cc

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:

Continued on next page

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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:

-fast -xarch=sse3

C++ benchmarks:

-fast -library=stlport4 -xarch=sse3

Base Other Flags

C benchmarks:

No flags used

C++ benchmarks:

No flags used

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