



SPEC[®] CINT2006 Result

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Sun Microsystems Ultra Enterprise 2

SPECint[®]2006 = --
SPECint_base2006 = 1.00

CPU2006 license: 6

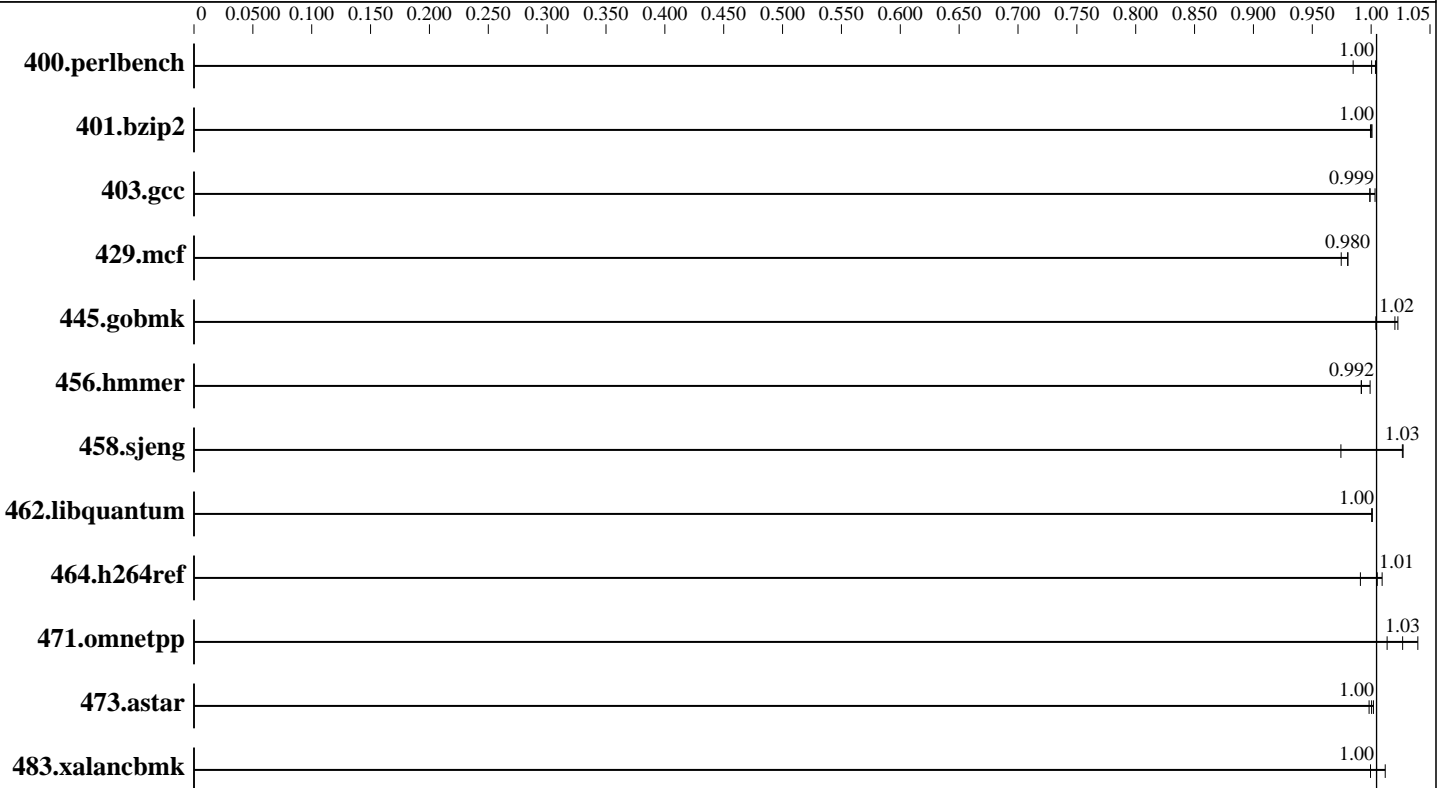
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Apr-1997

Software Availability: Oct-2005



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Hardware

CPU Name: UltraSPARC II
 CPU Characteristics:
 CPU MHz: 296
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1-2 chips
 Primary Cache: 16 KB I + 16 KB D on chip per chip
 Secondary Cache: 2 MB I+D off chip per chip
 L3 Cache: None
 Other Cache: None
 Memory: 2 GB
 Disk Subsystem: 2x36GB 10K RPM SCSI (1 sys disk, 1 for SPEC)
 Other Hardware: None

Software

Operating System: Solaris 10 3/05
 Compiler: Sun Studio 11
 Auto Parallel: No
 File System: ufs
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 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	9922	0.985	9734	1.00	9766	1.00						
401.bzip2	9656	0.999	9644	1.00	9644	1.00						
403.gcc	8059	0.999	8058	0.999	8023	1.00						
429.mcf	9358	0.975	9306	0.980	9303	0.980						
445.gobmk	10257	1.02	10283	1.02	10449	1.00						
456.hammer	9408	0.992	9409	0.992	9338	0.999						
458.sjeng	11780	1.03	11787	1.03	12419	0.974						
462.libquantum	20708	1.00	20702	1.00	20704	1.00						
464.h264ref	22015	1.01	21925	1.01	22334	0.991						
471.omnetpp	6012	1.04	6087	1.03	6166	1.01						
473.astar	7032	0.998	7006	1.00	7017	1.00						
483.xalancbmk	6818	1.01	6869	1.00	6904	0.999						

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

Operating System Notes

Stack limit set to 131072

Platform Notes

Although two CPUs were enabled during testing,
the SPEC CPU2006 benchmarks used only 1 CPU.

Base Compiler Invocation

C benchmarks:

cc

C++ benchmarks:

CC

Base Portability Flags

400.perlbench: -DSPEC_CPU_SOLARIS_SPARC
403.gcc: -DSPEC_CPU_SOLARIS
462.libquantum: -DSPEC_CPU_SOLARIS
483.xalancbmk: -DSPEC_CPU_SOLARIS



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Base Optimization Flags

C benchmarks:
-g -fast -xpagesize=4M
C++ benchmarks:
-g0 -library=stlport4 -fast -xpagesize=4M

Base Other Flags

C benchmarks:
-V
C++ benchmarks:
-verbose=version

The flags file that was used to format this result can be browsed at
<http://www.spec.org/cpu2006/flags/sun-studio.html>

You can also download the XML flags source by saving the following link:
<http://www.spec.org/cpu2006/flags/sun-studio.xml>

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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v89.
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