



# SPEC® CINT2006 Result

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## Sun Microsystems Ultra Enterprise 2

SPECint®2006 = --  
SPECint\_base2006 = 1.00

CPU2006 license: 6

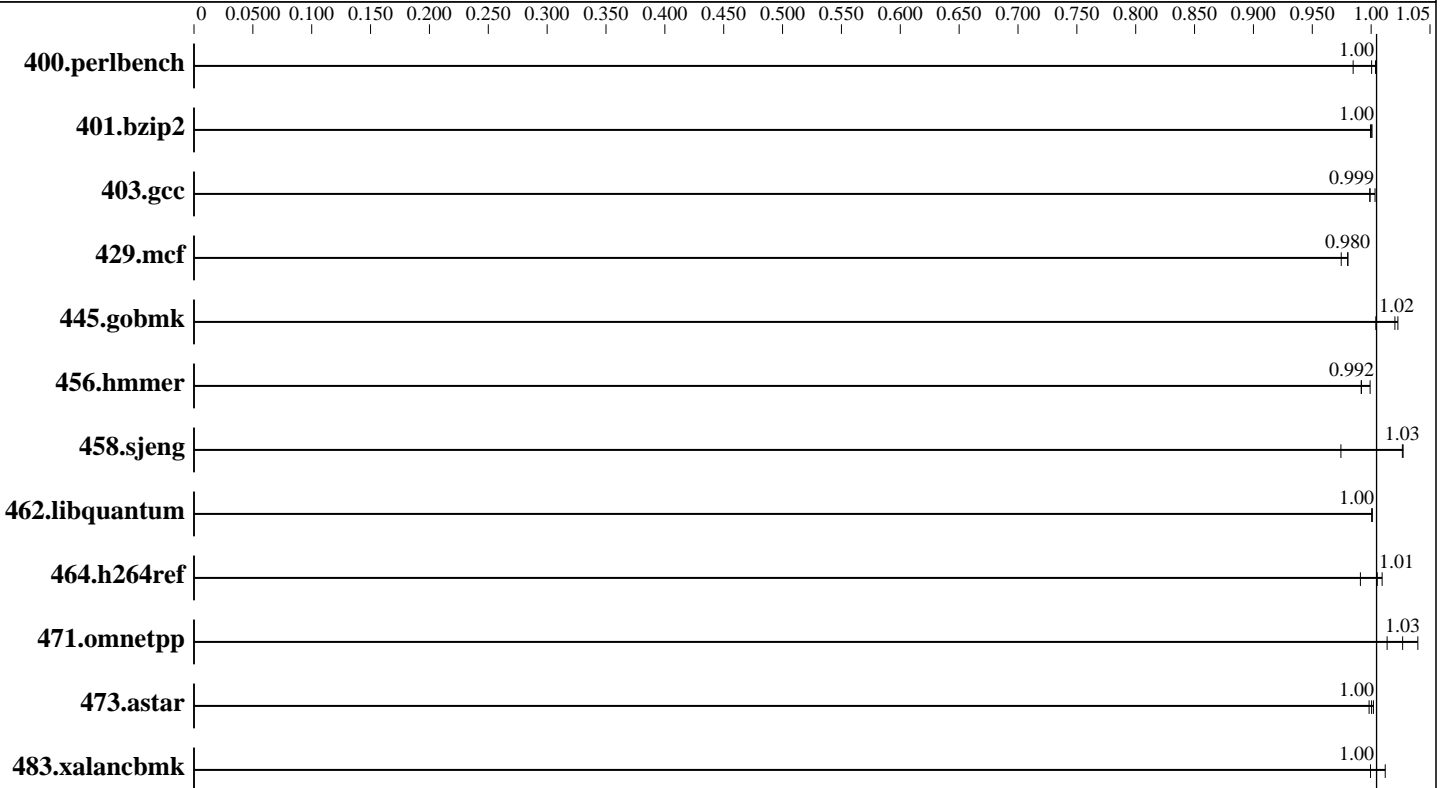
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Apr-1997

Software Availability: Oct-2005



SPECint\_base2006 = 1.00

### 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	<b><u>9766</u></b>	<b><u>1.00</u></b>						
401.bzip2	9656	0.999	<b><u>9644</u></b>	<b><u>1.00</u></b>	9644	1.00						
403.gcc	8059	0.999	<b><u>8058</u></b>	<b><u>0.999</u></b>	8023	1.00						
429.mcf	9358	0.975	<b><u>9306</u></b>	<b><u>0.980</u></b>	9303	0.980						
445.gobmk	10257	1.02	<b><u>10283</u></b>	<b><u>1.02</u></b>	10449	1.00						
456.hammer	<b><u>9408</u></b>	<b><u>0.992</u></b>	9409	0.992	9338	0.999						
458.sjeng	11780	1.03	<b><u>11787</u></b>	<b><u>1.03</u></b>	12419	0.974						
462.libquantum	20708	1.00	20702	1.00	<b><u>20704</u></b>	<b><u>1.00</u></b>						
464.h264ref	<b><u>22015</u></b>	<b><u>1.01</u></b>	21925	1.01	22334	0.991						
471.omnetpp	6012	1.04	<b><u>6087</u></b>	<b><u>1.03</u></b>	6166	1.01						
473.astar	7032	0.998	7006	1.00	<b><u>7017</u></b>	<b><u>1.00</u></b>						
483.xalancbmk	6818	1.01	<b><u>6869</u></b>	<b><u>1.00</u></b>	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](mailto:webmaster@spec.org).

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