



# SPEC® CINT2006 Result

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## Sun Microsystems Sun Blade 2000

**SPECint®2006 =** --  
**SPECint\_base2006 =** 3.82

CPU2006 license: 6

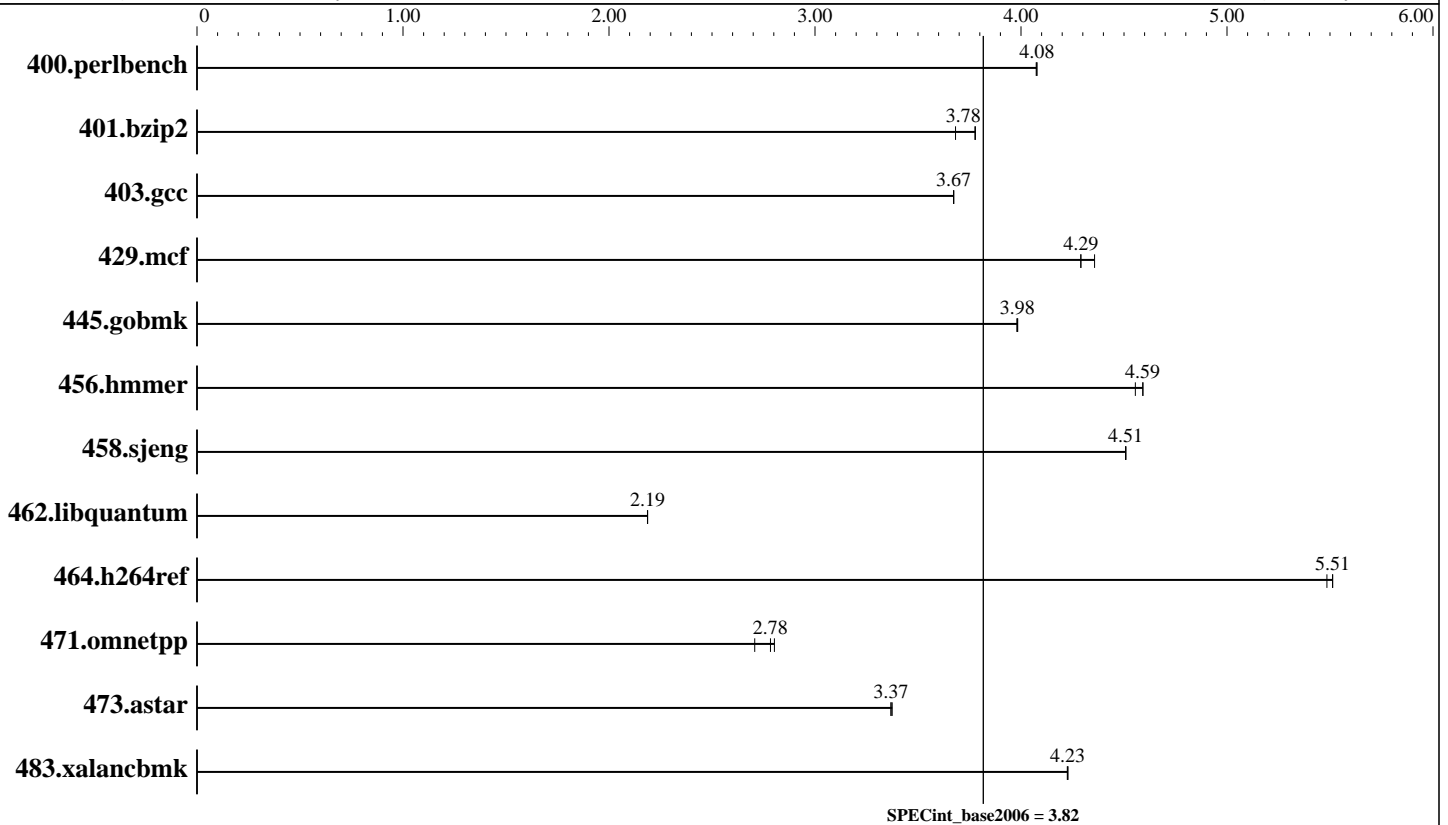
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Apr-2003

Software Availability: May-2006



### Hardware

CPU Name: UltraSPARC III Cu  
 CPU Characteristics:  
 CPU MHz: 1200  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1,2 chips  
 Primary Cache: 32 KB I + 64 KB D on chip per chip  
 Secondary Cache: 8 MB I+D off chip per chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 8 GB (4-way interleaved)  
 Disk Subsystem: 6x36GB 10,000RPM SCSI (RAID 1+0) for SPEC  
 2x73GB 10,000RPM FC-AL (RAID 1) for system  
 Other Hardware: None

### Software

Operating System: Solaris 10 3/05  
 Compiler: Sun Studio 11 with patch 120760-03  
 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	2396	4.08	<u>2396</u>	<u>4.08</u>	2398	4.07						
401.bzip2	2554	3.78	<u>2555</u>	<u>3.78</u>	2621	3.68						
403.gcc	2192	3.67	2191	3.67	<u>2192</u>	<u>3.67</u>						
429.mcf	2093	4.36	2126	4.29	<u>2125</u>	<u>4.29</u>						
445.gobmk	2633	3.98	2636	3.98	<u>2634</u>	<u>3.98</u>						
456.hammer	2032	4.59	2048	4.56	<u>2032</u>	<u>4.59</u>						
458.sjeng	<u>2684</u>	<u>4.51</u>	2684	4.51	2685	4.51						
462.libquantum	9475	2.19	9473	2.19	<u>9473</u>	<u>2.19</u>						
464.h264ref	4014	5.51	4035	5.49	<u>4014</u>	<u>5.51</u>						
471.omnetpp	2308	2.71	2230	2.80	<u>2245</u>	<u>2.78</u>						
473.astar	2080	3.37	<u>2083</u>	<u>3.37</u>	2084	3.37						
483.xalancbmk	1633	4.22	<u>1632</u>	<u>4.23</u>	1632	4.23						

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

Only 1 CPU enabled in firmware  
(prior to boot)

## 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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