



# SPEC® CINT2006 Result

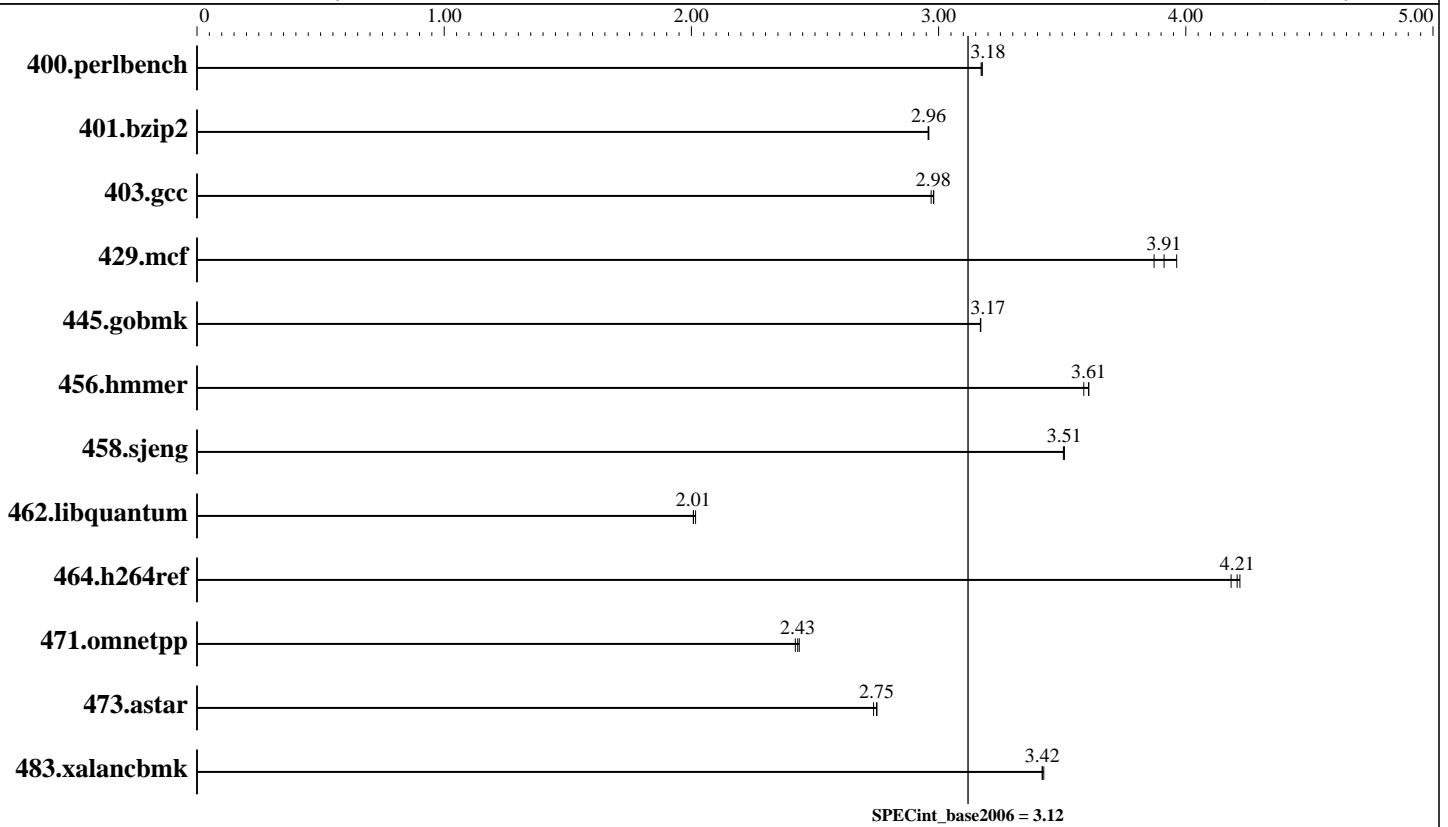
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## Sun Microsystems Sun Blade 1000

SPECint®2006 = --  
SPECint\_base2006 = 3.12

CPU2006 license: 6  
Test sponsor: Sun Microsystems  
Tested by: Sun Microsystems

Test date: Mar-2006  
Hardware Availability: Nov-2001  
Software Availability: May-2006



### Hardware

CPU Name: UltraSPARC III Cu  
 CPU Characteristics:  
 CPU MHz: 900  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 2 chips, 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: 2 GB (4-way interleaved)  
 Disk Subsystem: 1x18GB 10K RPM for system  
 1x36GB 10K RPM for SPEC  
 Other Hardware: None

### Software

Operating System: Solaris 10 1/06  
 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	<u>3077</u>	<u>3.18</u>	3076	3.18	3080	3.17						
401.bzip2	<u>3260</u>	<u>2.96</u>	3263	2.96	3260	2.96						
403.gcc	2711	2.97	2701	2.98	<u>2702</u>	<u>2.98</u>						
429.mcf	2356	3.87	<u>2331</u>	<u>3.91</u>	2301	3.96						
445.gobmk	3310	3.17	<u>3310</u>	<u>3.17</u>	3308	3.17						
456.hammer	2586	3.61	<u>2587</u>	<u>3.61</u>	2601	3.59						
458.sjeng	3452	3.50	<u>3449</u>	<u>3.51</u>	3449	3.51						
462.libquantum	<u>10318</u>	<u>2.01</u>	10319	2.01	10273	2.02						
464.h264ref	5246	4.22	5290	4.18	<u>5259</u>	<u>4.21</u>						
471.omnetpp	2565	2.44	<u>2572</u>	<u>2.43</u>	2582	2.42						
473.astar	2552	2.75	<u>2554</u>	<u>2.75</u>	2565	2.74						
483.xalancbmk	2014	3.43	2018	3.42	<u>2018</u>	<u>3.42</u>						

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

## Platform Notes

Although two CPUs were enabled during testing, the SPEC CPU2006 benchmarks used only one 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

## Base Optimization Flags

C benchmarks:  
-g -fast -xpagesize=4M

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## Base Optimization Flags (Continued)

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).

Tested with SPEC CPU2006 v90.  
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