SPEC® CINT2006 Result

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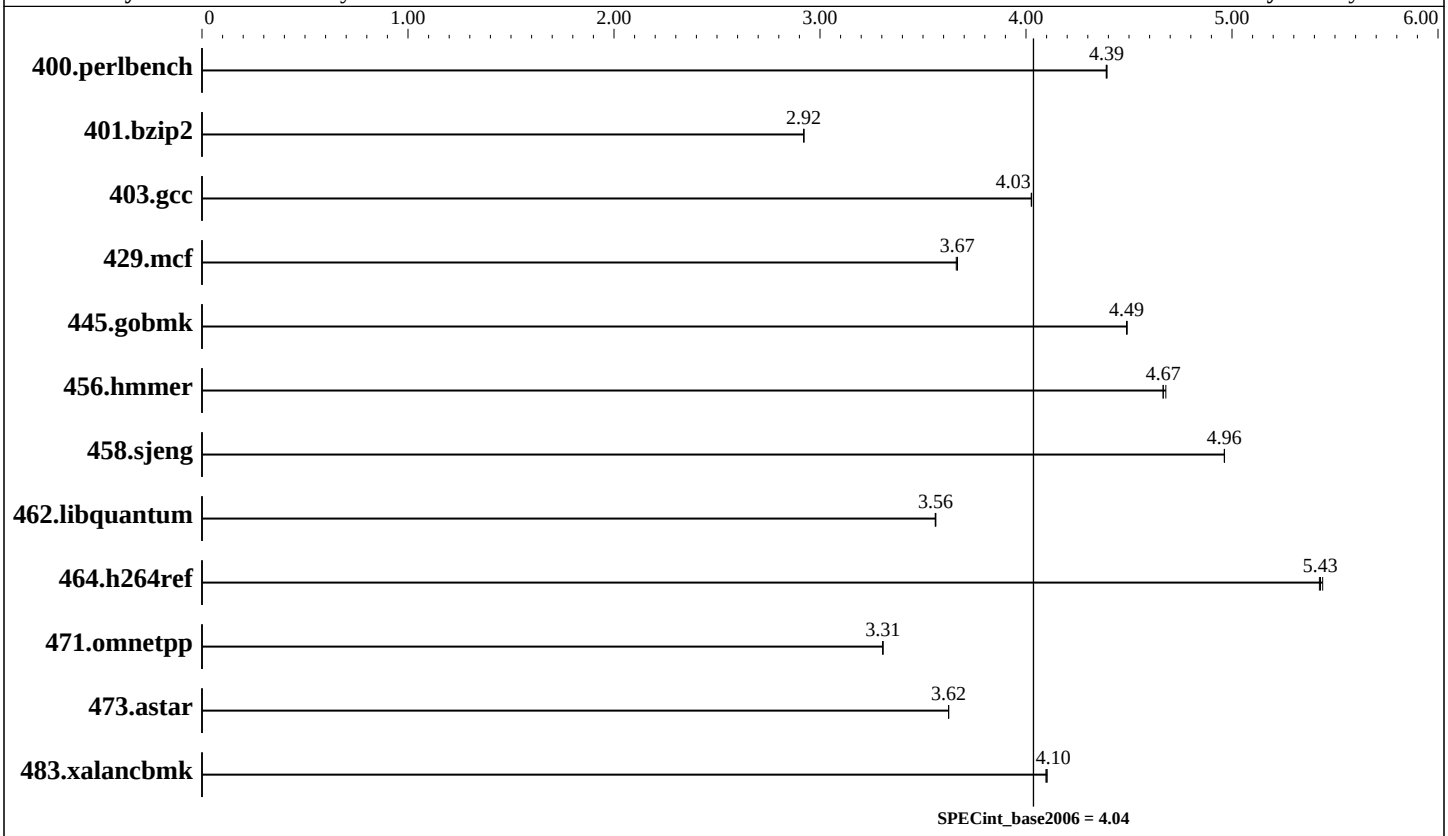
Sun Microsystems
Sun Blade 2500

SPECint®2006 = --

SPECint_base2006 = 4.04

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

Test date: Mar-2006
Hardware Availability: Dec-2003
Software Availability: May-2006



Hardware

CPU Name:	UltraSPARC IIIi
CPU Characteristics:	
CPU MHz:	1280
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:	1 MB I+D on chip per chip
L3 Cache:	None
Other Cache:	None
Memory:	4 GB (16-way interleaved)
Disk Subsystem:	2x36GB 10K RPM SCSI (1 disk for sys, 1 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	2224	4.39	2226	4.39	**2225**	**4.39**						
401.bzip2	**3303**	**2.92**	3303	2.92	3304	2.92						
403.gcc	1999	4.03	2000	4.03	**2000**	**4.03**						
429.mcf	2487	3.67	**2488**	**3.67**	2491	3.66						
445.gobmk	2337	4.49	**2337**	**4.49**	2336	4.49						
456.hmmer	2000	4.67	**1999**	**4.67**	1994	4.68						
458.sjeng	2438	4.96	2438	4.96	**2438**	**4.96**						
462.libquantum	5816	3.56	5821	3.56	**5819**	**3.56**						
464.h264ref	**4076**	**5.43**	4068	5.44	4080	5.42						
471.omnetpp	1891	3.30	1891	3.31	**1891**	**3.31**						
473.astar	**1937**	**3.62**	1937	3.62	1937	3.63						
483.xalancbmk	**1683**	**4.10**	1682	4.10	1684	4.10						

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 was physically present
```

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
```

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.

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