SPEC® CINT2006 Result

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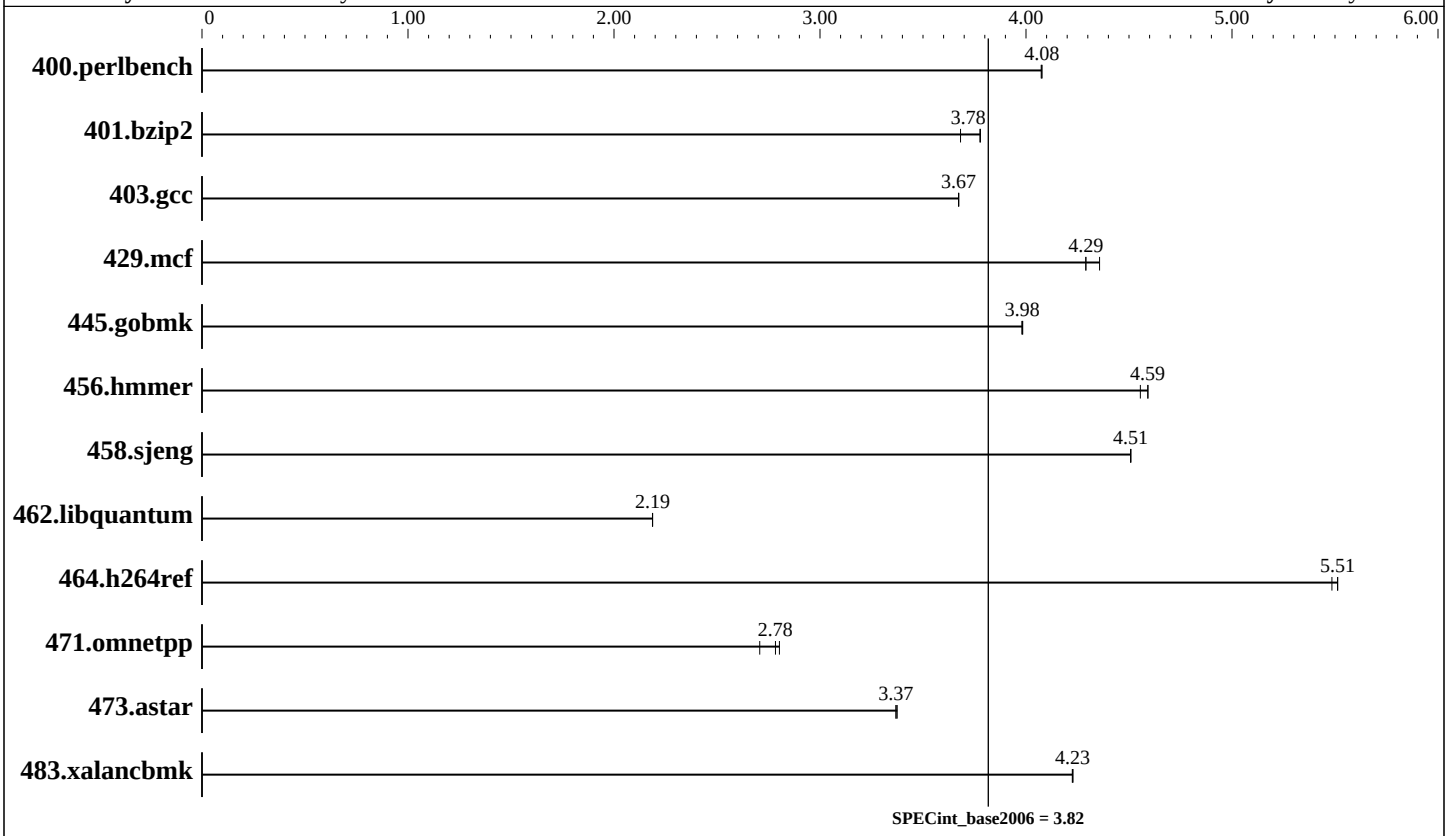
Sun Microsystems
Sun Blade 2000

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	**2396**	**4.08**	2398	4.07						
401.bzip2	2554	3.78	**2555**	**3.78**	2621	3.68						
403.gcc	2192	3.67	2191	3.67	**2192**	**3.67**						
429.mcf	2093	4.36	2126	4.29	**2125**	**4.29**						
445.gobmk	2633	3.98	2636	3.98	**2634**	**3.98**						
456.hmmer	2032	4.59	2048	4.56	**2032**	**4.59**						
458.sjeng	**2684**	**4.51**	2684	4.51	2685	4.51						
462.libquantum	9475	2.19	9473	2.19	**9473**	**2.19**						
464.h264ref	4014	5.51	4035	5.49	**4014**	**5.51**						
471.omnetpp	2308	2.71	2230	2.80	**2245**	**2.78**						
473.astar	2080	3.37	**2083**	**3.37**	2084	3.37						
483.xalancbmk	1633	4.22	**1632**	**4.23**	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`

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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