

SPEC® CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

google
n1-standard-4-d

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 66.9

CPU2006 license: 4093

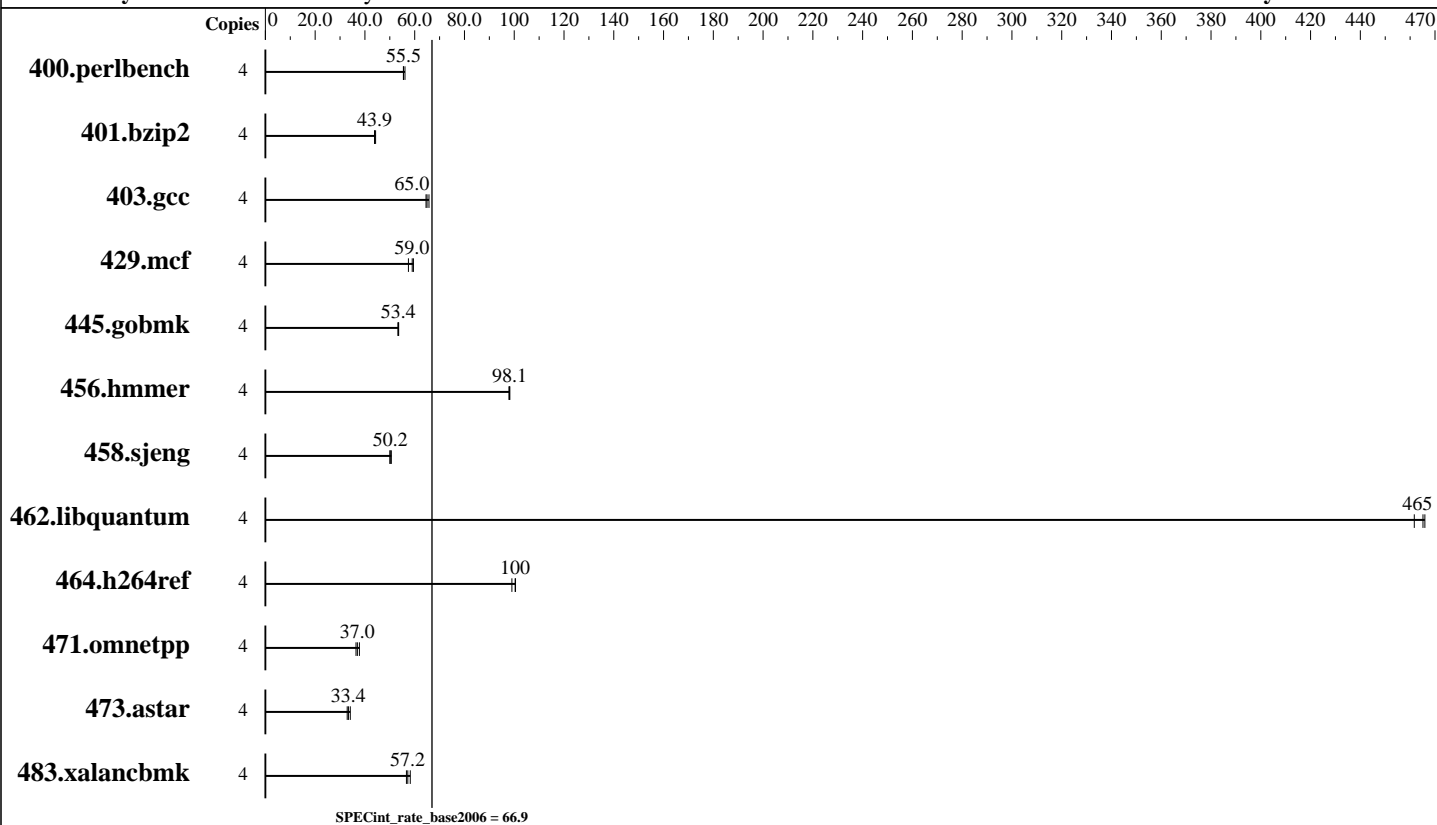
Test sponsor: google

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



Hardware

CPU Name: Intel Xeon
CPU Characteristics: Intel Xeon 2.60GHz
CPU MHz: 2599.996
FPU: --
CPU(s) enabled: 4 cores, 1 chip, 1 core/chip
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: 20480 KB
L3 Cache: --
Other Cache: --
Memory: 14.732 GB fixme: If using DDR3, format is:
'N GB (M x N GB nRxn PCn-nnnnR-n, ECC)'
Disk Subsystem: 1.8 TB add more disk info here
Other Hardware: --

Software

Operating System: CentOS release 6.4 (Final)
3.3.8-gcg-201303011431
Compiler: Intel C++ Compiler for Linux version 12.1.5
Intel Parallel Studio XE 2011 SP1 Update 3
Auto Parallel: No
File System: ext4
System State: Run level 3 (add definition here)
Base Pointers: --
Peak Pointers: Not Applicable
Other Software: --

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

google

n1-standard-4-d

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 66.9

CPU2006 license: 4093

Test sponsor: google

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --

Results Table

Benchmark	Base								Peak					
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	697	56.1	705	55.5	704	55.5							
401.bzip2	4	872	44.3	879	43.9	879	43.9							
403.gcc	4	490	65.7	496	65.0	499	64.6							
429.mcf	4	613	59.5	635	57.5	618	59.0							
445.gobmk	4	783	53.6	786	53.4	788	53.3							
456.hammer	4	380	98.1	381	97.9	380	98.2							
458.sjeng	4	956	50.6	964	50.2	968	50.0							
462.libquantum	4	178	466	178	465	180	462							
464.h264ref	4	881	101	894	99.1	882	100							
471.omnetpp	4	662	37.8	676	37.0	687	36.4							
473.astar	4	823	34.1	841	33.4	854	32.9							
483.xalancbmk	4	474	58.2	482	57.2	487	56.7							

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

Submit Notes

The config file option 'submit' was used.

Platform Notes

```
Sysinfo program /opt/cpu2006/Docs/sysinfo
$Rev: 6775 $ $Date:: 2011-08-16 #$ 8787f7622badcf24e01c368b1db4377c
running on gce-test-n1-standard-4 Fri May 17 14:19:05 2013
```

This section contains SUT (System Under Test) info as seen by some common utilities. To remove or add to this section, see:
<http://www.spec.org/cpu2006/Docs/config.html#sysinfo>

```
From /proc/cpuinfo
model name : Intel(R) Xeon(R) CPU @ 2.60GHz
1 "physical id"s (chips)
4 "processors"
cores, siblings (Caution: counting these is hw and system dependent. The
following excerpts from /proc/cpuinfo might not be reliable. Use with
caution.)
cpu cores : 4
siblings : 4
physical 0: cores 0 1 2 3
cache size : 20480 KB
```

```
From /proc/meminfo
MemTotal: 15447792 kB
```

Continued on next page

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

google

n1-standard-4-d

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 66.9

CPU2006 license: 4093

Test sponsor: google

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --

Platform Notes (Continued)

From /etc/*release* /etc/*version*

```
centos-release: CentOS release 6.4 (Final)
redhat-release: CentOS release 6.4 (Final)
system-release: CentOS release 6.4 (Final)
system-release-cpe: cpe:/o:centos:linux:6:GA
```

uname -a:

```
Linux gce-test-n1-standard-4 3.3.8-gcg-201303011431 #1 SMP Fri Mar 1 14:34:57
PST 2013 x86_64 x86_64 x86_64 GNU/Linux
```

run-level 3 May 17 17:48

SPEC is set to: /opt/cpu2006

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/sdb1	ext4	1.8T	31G	1.7T	2%	/opt

(End of data from sysinfo program)

General Notes

Environment variables set by runspec before the start of the run:

LD_LIBRARY_PATH = "/opt/cpu2006/libs/32:/opt/cpu2006/libs/64"

Base Compiler Invocation

C benchmarks:

icc -m32

C++ benchmarks:

icpc -m32

Base Portability Flags

```
400.perlbench: -DSPEC_CPU_LINUX_IA32
462.libquantum: -DSPEC_CPU_LINUX
483.xalancbmk: -DSPEC_CPU_LINUX
```

Base Optimization Flags

C benchmarks:

-xSSE4.2 -ipo -O3 -no-prec-div -opt-prefetch

C++ benchmarks:

-xSSE4.2 -ipo -O3 -no-prec-div -opt-prefetch

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

google

n1-standard-4-d

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 66.9

CPU2006 license: 4093

Test sponsor: google

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --

Base Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.2.
Report generated on Sat May 18 07:01:03 2013 by SPEC CPU2006 PS/PDF formatter v6401.