

SPEC® CINT2006 Result

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google
n1-standard-8-d

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 149

CPU2006 license: 4093

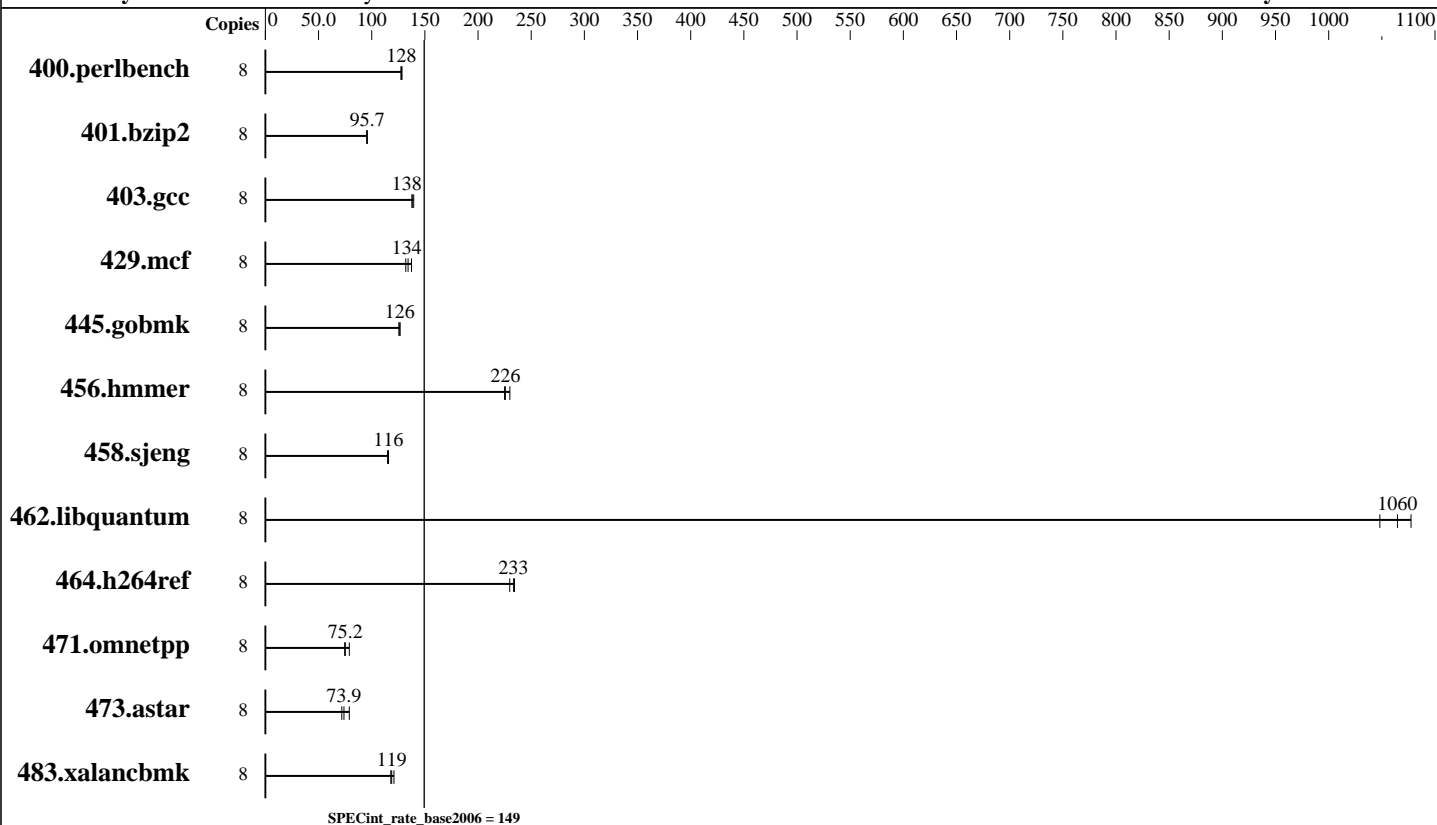
Test sponsor: google

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: 8 cores, 1 chip, 1 core/chip
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: 20480 KB
L3 Cache: --
Other Cache: --
Memory: 29.474 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: --

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Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	608	128	613	127	610	128							
401.bzip2	8	806	95.7	810	95.3	806	95.8							
403.gcc	8	467	138	466	138	462	139							
429.mcf	8	553	132	531	137	544	134							
445.gobmk	8	663	126	669	126	663	127							
456.hammer	8	325	230	331	226	332	225							
458.sjeng	8	842	115	836	116	837	116							
462.libquantum	8	156	1060	154	1080	158	1050							
464.h264ref	8	758	233	756	234	770	230							
471.omnetpp	8	633	78.9	665	75.2	671	74.6							
473.astar	8	712	78.9	760	73.9	781	71.9							
483.xalancbmk	8	456	121	465	119	468	118							

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-8 Fri May 17 14:19:04 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)
8 "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 : 8
siblings : 8
physical 0: cores 0 1 2 3 4 5 6 7
cache size : 20480 KB
```

```
From /proc/meminfo
MemTotal: 30905728 kB
```

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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-8 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

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Base Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

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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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