

SPEC[®] CINT2006 Result

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rackspace
30gb

SPECint[®]_rate2006 = Not Run

SPECint_rate_base2006 = 95.4

CPU2006 license: 4093

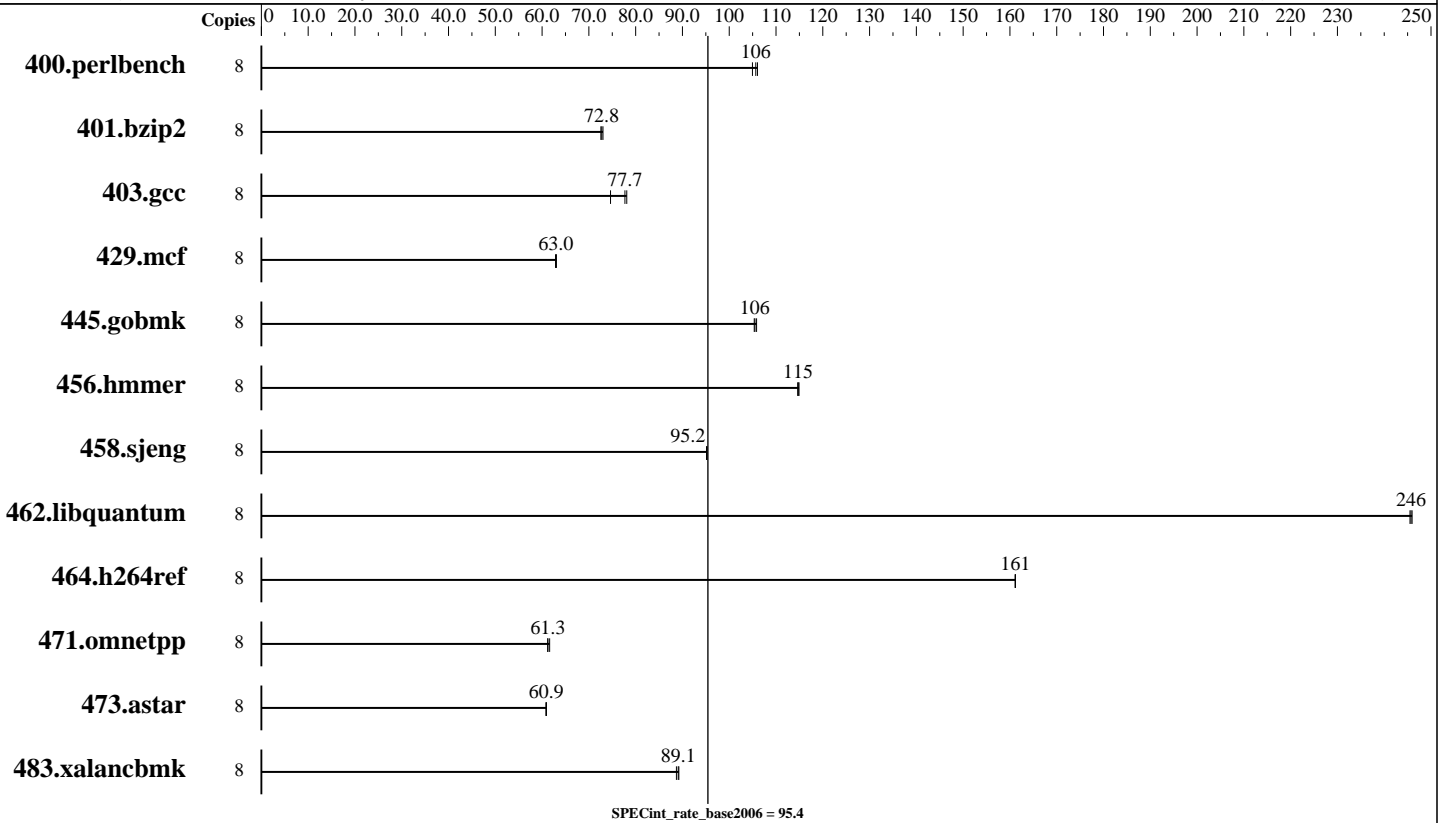
Test sponsor: rackspace

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



Hardware

CPU Name: AMD Opteron 4170 HE
 CPU Characteristics: AMD Opteron 4170 HE
 CPU MHz: 2094.752
 FPU: --
 CPU(s) enabled: 8 cores, could not determine chips, 1 core/chip
 CPU(s) orderable: --
 Primary Cache: --
 Secondary Cache: 512 KB
 L3 Cache: --
 Other Cache: --
 Memory: 29.268 GB fixme: If using DDR3, format is:
 'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'
 Disk Subsystem: 1.2 TB add more disk info here
 Other Hardware: --

Software

Operating System: CentOS release 6.4 (Final)
 2.6.32-358.6.1.el6.x86_64
 Compiler: Intel C++ Compiler for Linux version 12.1.5
 Intel Parallel Studio XE 2011 SP1 Update 3
 Auto Parallel: No
 File System: ext3
 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	737	106	740	106	745	105							
401.bzip2	8	1057	73.0	1061	72.8	1064	72.6							
403.gcc	8	825	78.1	863	74.6	829	77.7							
429.mcf	8	1157	63.0	1160	62.9	1158	63.0							
445.gobmk	8	793	106	797	105	795	106							
456.hammer	8	651	115	650	115	649	115							
458.sjeng	8	1017	95.2	1017	95.1	1016	95.2							
462.libquantum	8	674	246	675	246	675	246							
464.h264ref	8	1098	161	1099	161	1099	161							
471.omnetpp	8	817	61.2	812	61.6	816	61.3							
473.astar	8	922	60.9	922	60.9	923	60.8							
483.xalancbmk	8	619	89.2	622	88.7	620	89.1							

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 test-30gb Fri May 17 00:54:49 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 : AMD Opteron(tm) Processor 4170 HE
*
* 0 "physical id" tags found. Perhaps this is an older system,
* or a virtualized system. Not attempting to guess how to
* count chips/cores for this system.
*
  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.)
  cache size : 512 KB
```

```
From /proc/meminfo
  MemTotal:      30689640 kB
```

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Platform Notes (Continued)

HugePages_Total: 0
Hugepagesize: 2048 kB

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 test-30gb 2.6.32-358.6.1.el6.x86_64 #1 SMP Tue Apr 23 19:29:00 UTC 2013
x86_64 x86_64 x86_64 GNU/Linux

run-level 3 May 16 13:23

SPEC is set to: /opt/cpu2006
Filesystem Type Size Used Avail Use% Mounted on
/dev/xvda1 ext3 1.2T 7.4G 1.1T 1% /

(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:
-ipo -O3 -no-prec-div -opt-prefetch

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Base Optimization Flags (Continued)

C++ benchmarks:

-ipo -O3 -no-prec-div -opt-prefetch

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.

Tested with SPEC CPU2006 v1.2.
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