

SPEC[®] CINT2006 Result

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aws
cc2.8xlarge

SPECint[®]_rate2006 = Not Run

SPECint_rate_base2006 = 442

CPU2006 license: 4093

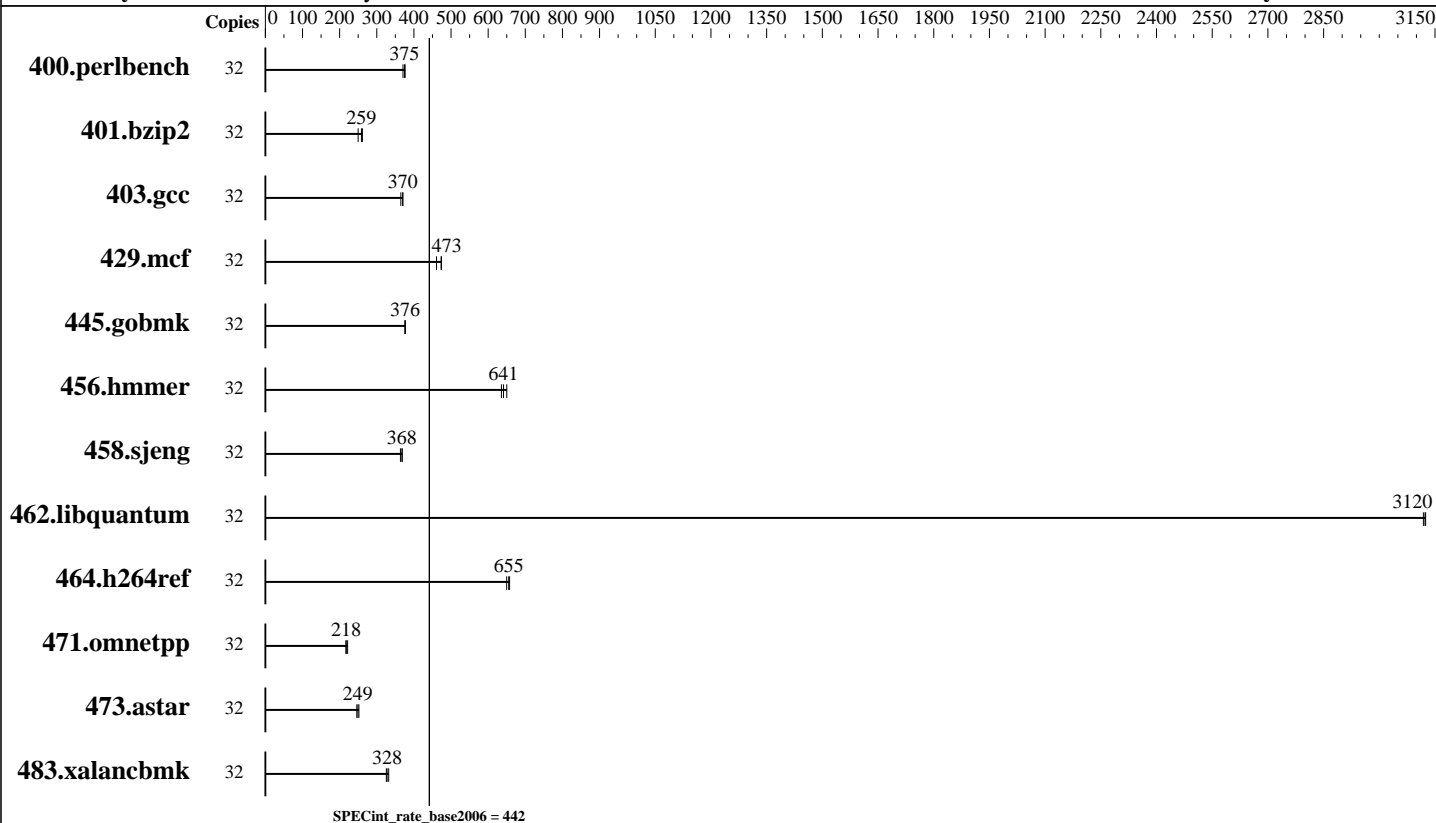
Test date: May-2013

Test sponsor: aws

Hardware Availability: --

Tested by: CloudHarmony Inc

Software Availability: --



Hardware

CPU Name: Intel Xeon E5-2670 0
 CPU Characteristics: Intel Xeon E5-2670 0 2.60GHz
 CPU MHz: 2593.489
 FPU: --
 CPU(s) enabled: 32 cores, 2 chips, 1 core/chip
 CPU(s) orderable: --
 Primary Cache: --
 Secondary Cache: 20480 KB
 L3 Cache: --
 Other Cache: --
 Memory: 58.525 GB fixme: If using DDR3, format is:
 'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'
 Disk Subsystem: 3.3 TB add more disk info here
 Other Hardware: --

Software

Operating System: Amazon Linux AMI release 2013.03
 3.4.37-40.44.amzn1.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: 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	32	831	376	834	375	844	371							
401.bzip2	32	1182	261	1236	250	1194	259							
403.gcc	32	696	370	706	365	697	370							
429.mcf	32	633	461	615	474	617	473							
445.gobmk	32	892	376	892	376	891	377							
456.hammer	32	459	650	466	641	470	636							
458.sjeng	32	1065	364	1050	369	1053	368							
462.libquantum	32	212	3120	213	3120	212	3120							
464.h264ref	32	1077	658	1090	650	1081	655							
471.omnetpp	32	903	221	918	218	922	217							
473.astar	32	892	252	912	246	901	249							
483.xalancbmk	32	665	332	678	326	674	328							

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 ip-10-155-196-58 Mon May 13 05:43:48 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 E5-2670 0 @ 2.60GHz
 2 "physical id"s (chips)
 32 "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 : 16
physical 0: cores 0 1 2 3 4 5 6 7
physical 1: cores 0 1 2 3 4 5 6 7
cache size : 20480 KB
```

```
From /proc/meminfo
MemTotal: 61367984 kB
```

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Platform Notes (Continued)

HugePages_Total: 0
Hugepagesize: 2048 kB

```
From /etc/*release* /etc/*version*
system-release: Amazon Linux AMI release 2013.03
system-release-cpe: cpe:/o:amazon:linux:2013.03:ga
```

```
uname -a:
Linux ip-10-155-196-58 3.4.37-40.44.amzn1.x86_64 #1 SMP Thu Mar 21 01:17:08
UTC 2013 x86_64 x86_64 x86_64 GNU/Linux
```

run-level 3 May 13 05:42

```
SPEC is set to: /opt/cpu2006
Filesystem      Type      Size      Used Avail Use% Mounted on
/dev/md127      ext4      3.3T      37G  3.1T   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

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Base Optimization Flags (Continued)

C++ benchmarks:
-xSSE4.2 -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.

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