

SPEC® CINT2006 Result

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aws
m1.large

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 39.0

CPU2006 license: 4093

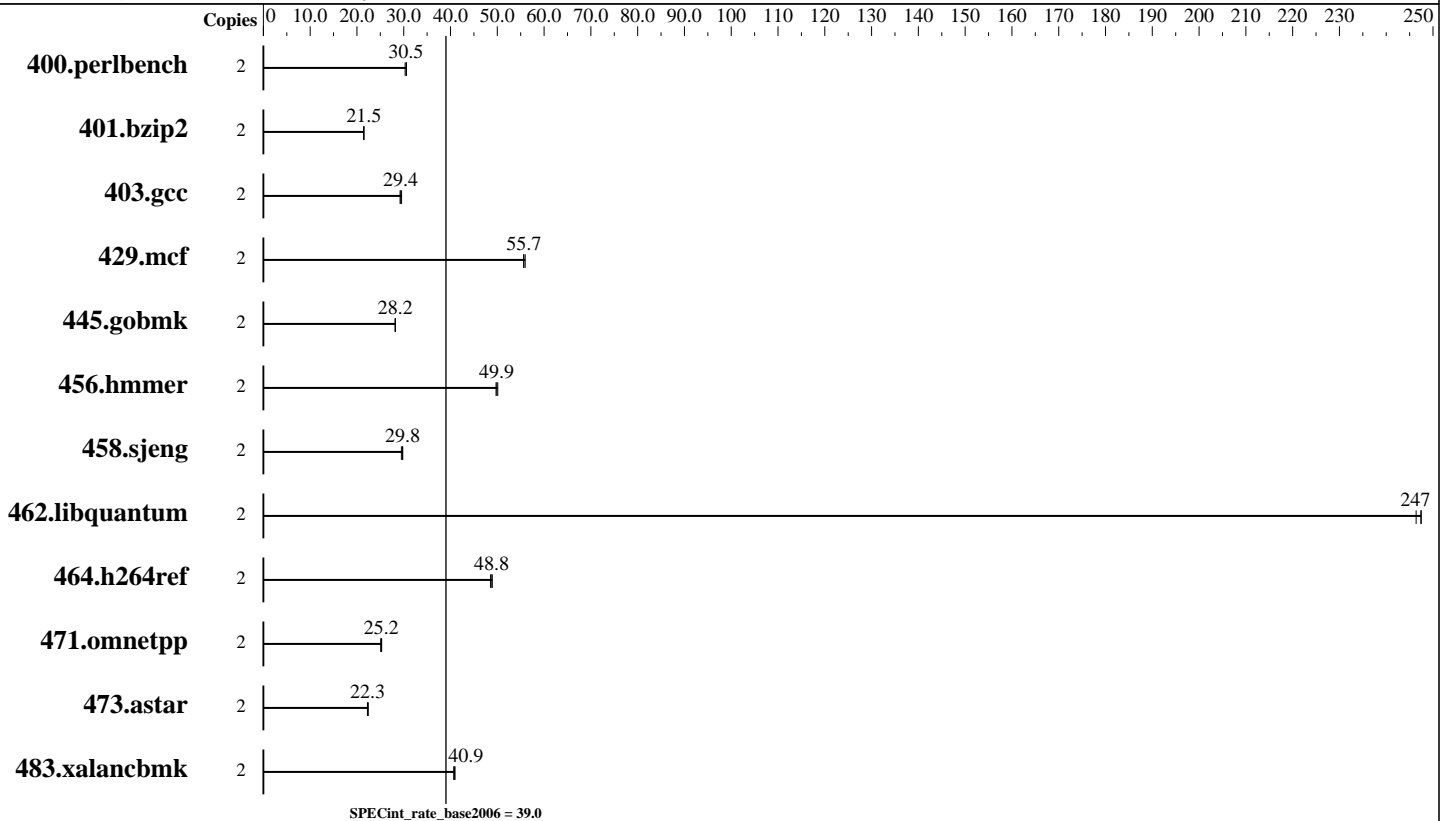
Test sponsor: aws

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



Hardware

CPU Name: Intel Xeon E5645
CPU Characteristics: Intel Xeon E5645 2.40GHz
CPU MHz: 2000.07
FPU: --
CPU(s) enabled: 2 cores, 1 chip, 1 core/chip
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: 12288 KB
L3 Cache: --
Other Cache: --
Memory: 7.280 GB fixme: If using DDR3, format is:
'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'
Disk Subsystem: 827 GB 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	2	640	30.5	645	30.3	639	30.6							
401.bzip2	2	899	21.5	898	21.5	900	21.4							
403.gcc	2	545	29.5	548	29.4	551	29.2							
429.mcf	2	328	55.7	328	55.6	326	56.0							
445.gobmk	2	745	28.2	745	28.2	743	28.2							
456.hammer	2	372	50.1	375	49.7	374	49.9							
458.sjeng	2	820	29.5	813	29.8	813	29.8							
462.libquantum	2	168	246	167	247	167	247							
464.h264ref	2	912	48.6	905	48.9	906	48.8							
471.omnetpp	2	499	25.1	495	25.2	494	25.3							
473.astar	2	631	22.2	629	22.3	627	22.4							
483.xalancbmk	2	338	40.9	339	40.7	337	41.0							

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-10-68-13-250 Mon May 13 05:40:15 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 E5645 @ 2.40GHz
 1 "physical id"s (chips)
 2 "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 : 1
siblings : 2
physical 0: cores 0
cache size : 12288 KB
```

```
From /proc/meminfo
MemTotal: 7633616 kB
HugePages_Total: 0
```

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Platform Notes (Continued)

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-10-68-13-250 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 05:39

```
SPEC is set to: /opt/cpu2006
Filesystem      Type      Size      Used Avail Use% Mounted on
/dev/md127      ext4      827G      8.4G  777G    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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