

SPEC® CINT2006 Result

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aws
m1.large

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 38.8

CPU2006 license: 4093

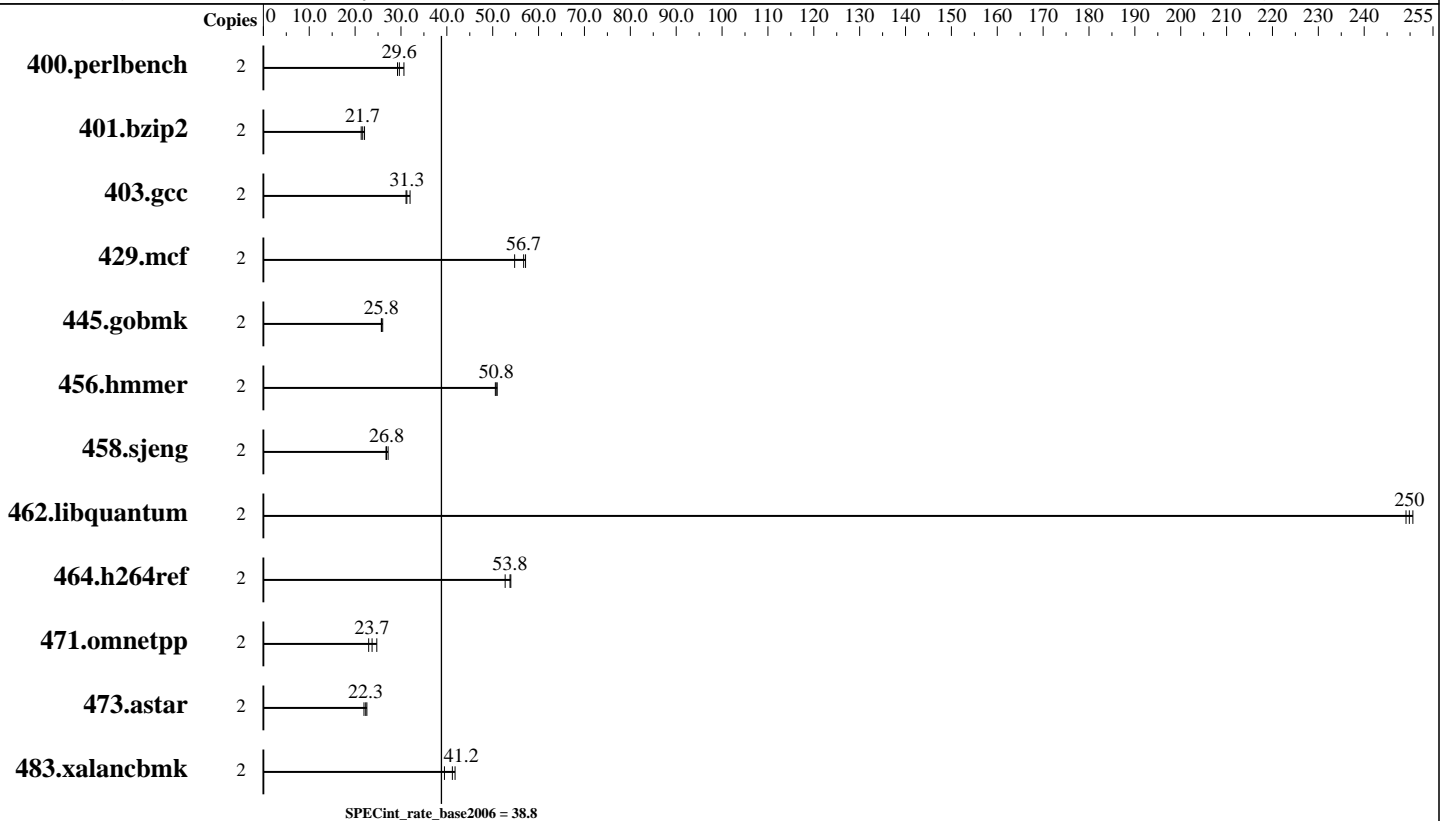
Test sponsor: aws

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



Hardware

CPU Name: Intel Xeon E5-2650 0
 CPU Characteristics: Intel Xeon E5-2650 0 2.00GHz
 CPU MHz: 1799.999
 FPU: --
 CPU(s) enabled: 2 cores, 1 chip, 1 core/chip
 CPU(s) orderable: --
 Primary Cache: --
 Secondary Cache: 20480 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: 1008 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	659	29.6	668	29.2	638	30.6							
401.bzip2	2	891	21.7	905	21.3	875	22.1							
403.gcc	2	515	31.3	518	31.1	503	32.0							
429.mcf	2	321	56.7	333	54.8	319	57.2							
445.gobmk	2	816	25.7	815	25.8	806	26.0							
456.hammer	2	366	51.0	369	50.6	368	50.8							
458.sjeng	2	902	26.8	905	26.7	890	27.2							
462.libquantum	2	166	249	166	250	165	251							
464.h264ref	2	823	53.8	820	53.9	840	52.7							
471.omnetpp	2	527	23.7	544	23.0	505	24.7							
473.astar	2	629	22.3	640	21.9	622	22.6							
483.xalancbmk	2	330	41.8	350	39.5	335	41.2							

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-10-159-85-99 Mon May 13 05:40:18 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 E5-2650 0 @ 2.00GHz
 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 : 20480 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-10-159-85-99 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/xvddh      ext4     1008G  8.4G  949G   1% /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.

Tested with SPEC CPU2006 v1.2.
Report generated on Mon May 13 20:44:10 2013 by SPEC CPU2006 PS/PDF formatter v6401.