

SPEC[®] CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

aws
m1.large

SPECint[®]_rate2006 = Not Run

SPECint_rate_base2006 = 29.5

CPU2006 license: 4093

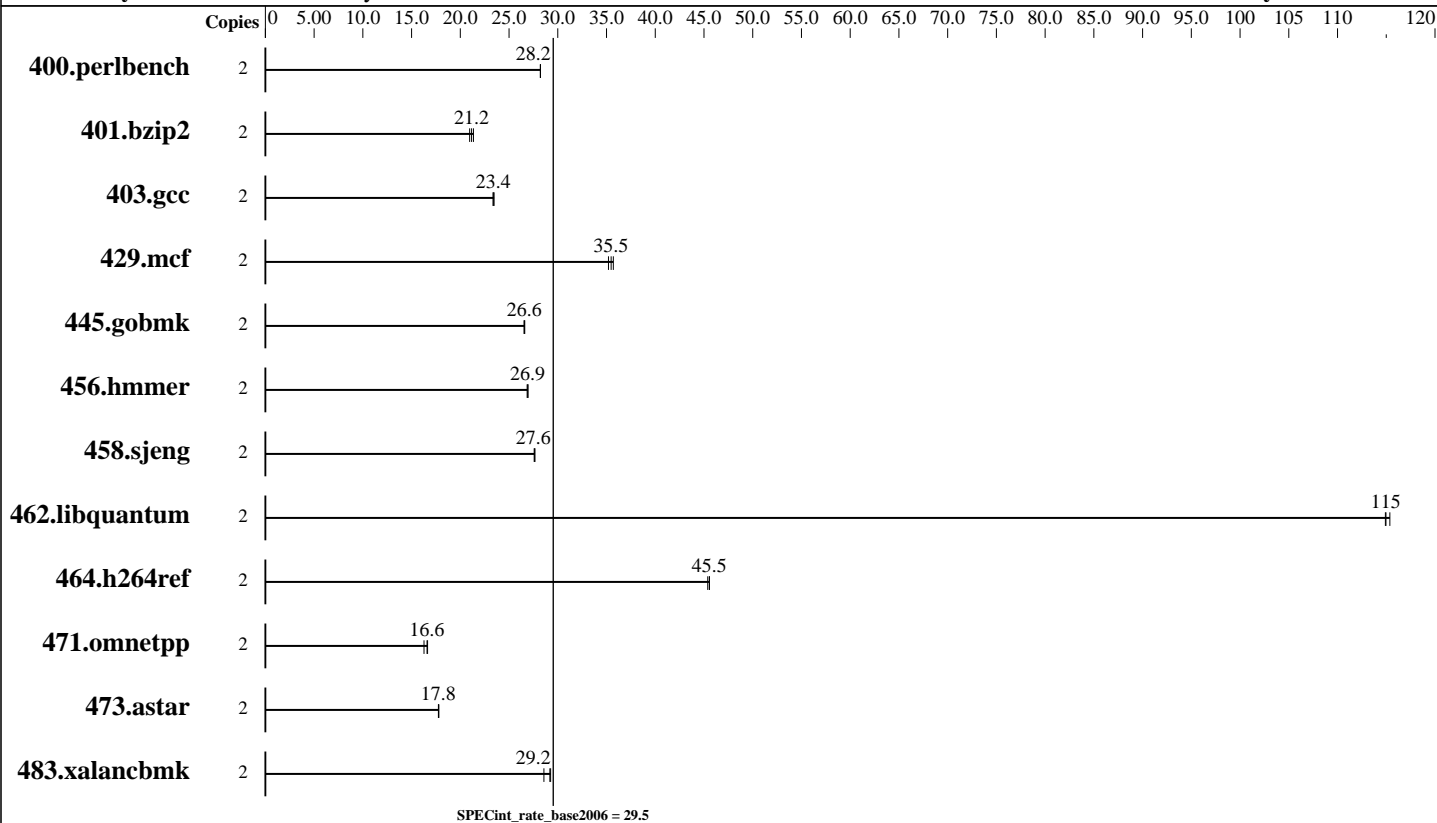
Test sponsor: aws

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



Hardware

CPU Name: Intel Xeon E5430
CPU Characteristics: Intel Xeon E5430 2.66GHz
CPU MHz: 2659.998
FPU: --
CPU(s) enabled: 2 cores, could not determine chips, 1 core/chip
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: 6144 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: --

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

aws
m1.large

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 29.5

CPU2006 license: 4093
Test sponsor: aws
Tested by: CloudHarmony Inc

Test date: May-2013
Hardware Availability: --
Software Availability: --

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	693	28.2	692	28.2	692	28.2							
401.bzip2	2	912	21.2	921	21.0	904	21.3							
403.gcc	2	689	23.4	686	23.5	689	23.4							
429.mcf	2	511	35.7	518	35.2	514	35.5							
445.gobmk	2	790	26.6	788	26.6	790	26.5							
456.hammer	2	693	26.9	695	26.9	693	26.9							
458.sjeng	2	875	27.6	876	27.6	877	27.6							
462.libquantum	2	359	115	360	115	361	115							
464.h264ref	2	971	45.6	972	45.5	975	45.4							
471.omnetpp	2	768	16.3	754	16.6	751	16.6							
473.astar	2	789	17.8	791	17.8	791	17.8							
483.xalancbmk	2	473	29.2	483	28.6	472	29.3							

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-10-205-14-223 Mon May 13 05:43:55 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 E5430 @ 2.66GHz
*
* 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.
*
  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.)
  cache size : 6144 KB
```

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

Continued on next page

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

aws
m1.large

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 29.5

CPU2006 license: 4093
Test sponsor: aws
Tested by: CloudHarmony Inc

Test date: May-2013
Hardware Availability: --
Software Availability: --

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-10-205-14-223 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     9.6G  948G   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:
-xSSE4.1 -ipo -O3 -no-prec-div -opt-prefetch

Continued on next page

SPEC CINT2006 Result

Copyright 2006-2013 Standard Performance Evaluation Corporation

aws
m1.large

SPECint_rate2006 = Not Run

SPECint_rate_base2006 = 29.5

CPU2006 license: 4093
Test sponsor: aws
Tested by: CloudHarmony Inc

Test date: May-2013
Hardware Availability: --
Software Availability: --

Base Optimization Flags (Continued)

C++ benchmarks:
-xSSE4.1 -ipo -O3 -no-prec-div -opt-prefetch

Base Other Flags

C benchmarks:
403.gcc: -Dalloca=_alloca

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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 Tue May 14 02:46:31 2013 by SPEC CPU2006 PS/PDF formatter v6401.