SPEC® CINT2006 Result

System Vendor (Test Sponsor: Test Sponsor (Optional, defaults to hw_vendor))

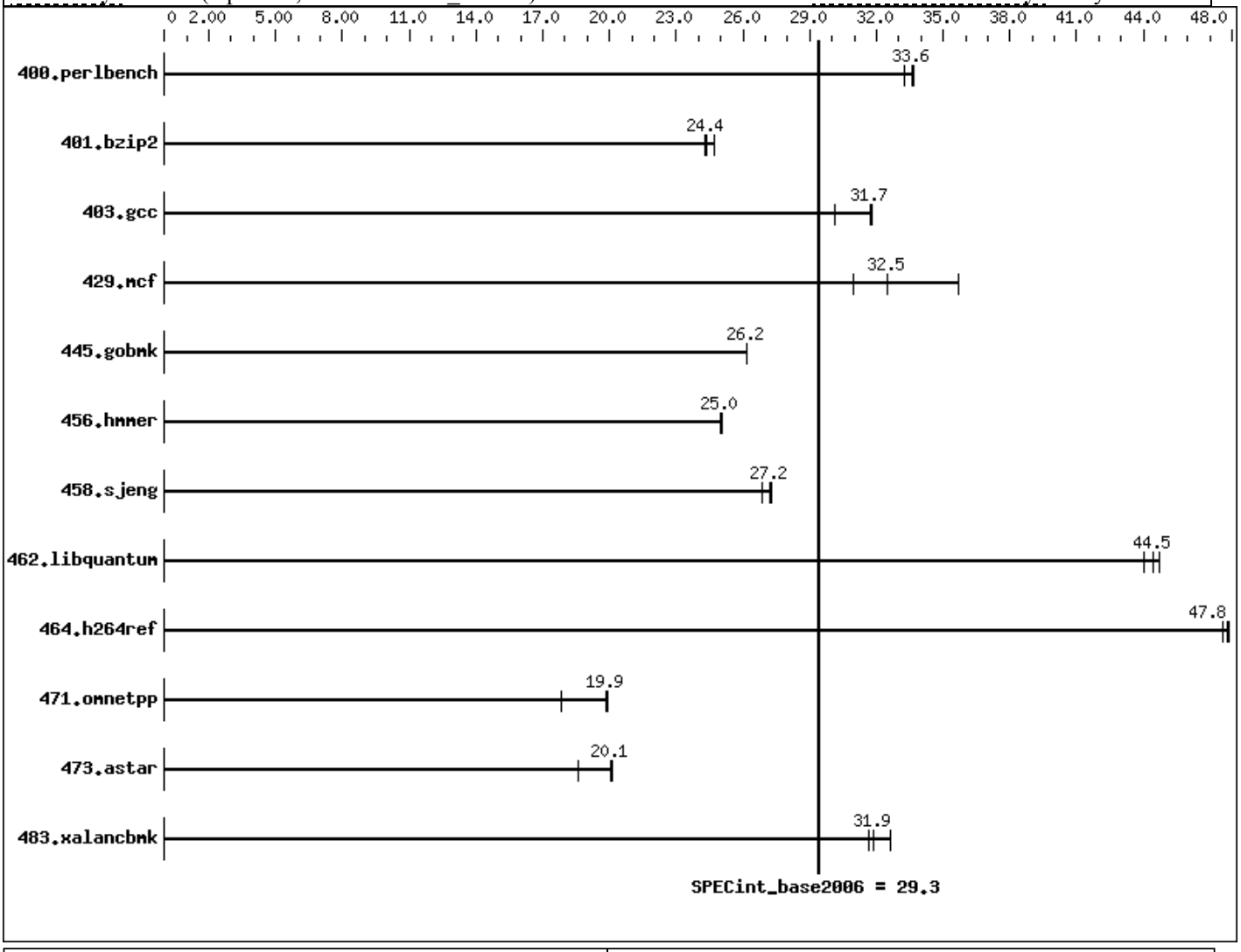
System Model Name

SPECint®2006 = Not Run

SPECint_base2006 = 29.3

CPU2006 license: 0
Test sponsor: Test Sponsor (Optional, defaults to hw_vendor)
Tested by: (Optional, defaults to hw_vendor)

Test date: Apr-2016
Hardware Availability: Dec-9999
Software Availability: May-2010



Hardware

CPU Name:	Intel Core i5-3470
CPU Characteristics:	
CPU MHz:	9999
FPU:	Integrated
CPU(s) enabled:	number of cores enabled cores, 1 chip, number of cores manufactured into each chip cores/chip, number of threads enabled per core threads/core
CPU(s) orderable:	1,2 chips
Primary Cache:	9999 KB I + 9999 KB D on chip per core
Secondary Cache:	9999 KB I+D on chip per core
L3 Cache:	9999 MB I+D on chip per chip

Software

Operating System:	Ubuntu 14.04.2 LTS 3.13.0-27-generic
Compiler:	gcc, g++ & gfortran 4.3.4
Auto Parallel:	No
File System:	ext4
System State:	Run level 2 (add definition here)
Base Pointers:	64-bit
Peak Pointers:	64-bit
Other Software:	None

Other Cache:	None
Memory:	3.779 GB fixme: If using DDR3, format is: 'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'
Disk Subsystem:	455 GB add more disk info here
Other Hardware:	None

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	**291**	**33.6**	290	33.7	294	33.3						
401.bzip2	390	24.7	398	24.3	**396**	**24.4**						
403.gcc	**254**	**31.7**	267	30.2	253	31.8						
429.mcf	**281**	**32.5**	295	31.0	256	35.7						
445.gobmk	**401**	**26.2**	401	26.1	401	26.2						
456.hmmer	373	25.0	373	25.0	**373**	**25.0**						
458.sjeng	451	26.9	**445**	**27.2**	444	27.2						
462.libquantum	470	44.1	**466**	**44.5**	464	44.7						
464.h264ref	**463**	**47.8**	465	47.6	463	47.8						
471.omnetpp	350	17.9	**315**	**19.9**	314	19.9						
473.astar	377	18.6	349	20.1	**350**	**20.1**						
483.xalancbmk	212	32.6	218	31.6	**216**	**31.9**						

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Submit Notes

```
'numactl' was used to bind copies to the cores.
See the configuration file for details.
```

Operating System Notes

```
'ulimit -s unlimited' was used to set environment stack size
```

Platform Notes

```
 Sysinfo program /home/b2012/arun_b120192cs/cpu2006/Docs/sysinfo
 $Rev: 6775 $ $Date:: 2011-08-16 #$ 8787f7622badcf24e01c368b1db4377c
 running on ssl-44 Wed Apr 20 17:43:04 2016

 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) Core(TM) i5-3470 CPU @ 3.20GHz
       1 "physical id"s (chips)
       4 "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 : 4
       siblings  : 4
       physical 0: cores 0 1 2 3
    cache size : 6144 KB

 From /proc/meminfo
    MemTotal:        3963024 kB
    HugePages_Total:       0
    Hugepagesize:       2048 kB

 /usr/bin/lsb_release -d
    Ubuntu 14.04.2 LTS

 From /etc/*release* /etc/*version*
    debian_version: jessie/sid
```

```
   os-release:
      NAME="Ubuntu"
      VERSION="14.04.2 LTS, Trusty Tahr"
      ID=ubuntu
      ID_LIKE=debian
      PRETTY_NAME="Ubuntu 14.04.2 LTS"
      VERSION_ID="14.04"
      HOME_URL="http://www.ubuntu.com/"
      SUPPORT_URL="http://help.ubuntu.com/"

uname -a:
   Linux ssl-44 3.13.0-27-generic #50-Ubuntu SMP Thu May 15 18:06:16 UTC 2014
   x86_64 x86_64 x86_64 GNU/Linux

run-level 2 Apr 20 14:38

SPEC is set to: /home/b2012/arun_b120192cs/cpu2006
   Filesystem     Type  Size  Used Avail Use% Mounted on
   /dev/sda1      ext4  455G   32G  400G   8% /

(End of data from sysinfo program)
```

Base Compiler Invocation

C benchmarks:

/usr/bin/gcc

C++ benchmarks:

/usr/bin/g++

Base Portability Flags

400.perlbench:	-DSPEC_CPU_LP64	-DSPEC_CPU_LINUX_X64
401.bzip2:	-DSPEC_CPU_LP64	
403.gcc:	-DSPEC_CPU_LP64	
429.mcf:	-DSPEC_CPU_LP64	
445.gobmk:	-DSPEC_CPU_LP64	
456.hmmer:	-DSPEC_CPU_LP64	
458.sjeng:	-DSPEC_CPU_LP64	
462.libquantum:	-DSPEC_CPU_LP64	-DSPEC_CPU_LINUX
464.h264ref:	-DSPEC_CPU_LP64	
471.omnetpp:	-DSPEC_CPU_LP64	
473.astar:	-DSPEC_CPU_LP64	
483.xalancbmk:	-DSPEC_CPU_LP64	-DSPEC_CPU_LINUX

Base Optimization Flags

C benchmarks:

-O2 -fno-strict-aliasing

C++ benchmarks:

-O2 -fno-strict-aliasing

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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