

# SPEC<sup>®</sup> CINT2006 Result

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hp  
medium

SPECint<sup>®</sup>\_rate2006 = Not Run

SPECint\_rate\_base2006 = 48.8

CPU2006 license: 4093

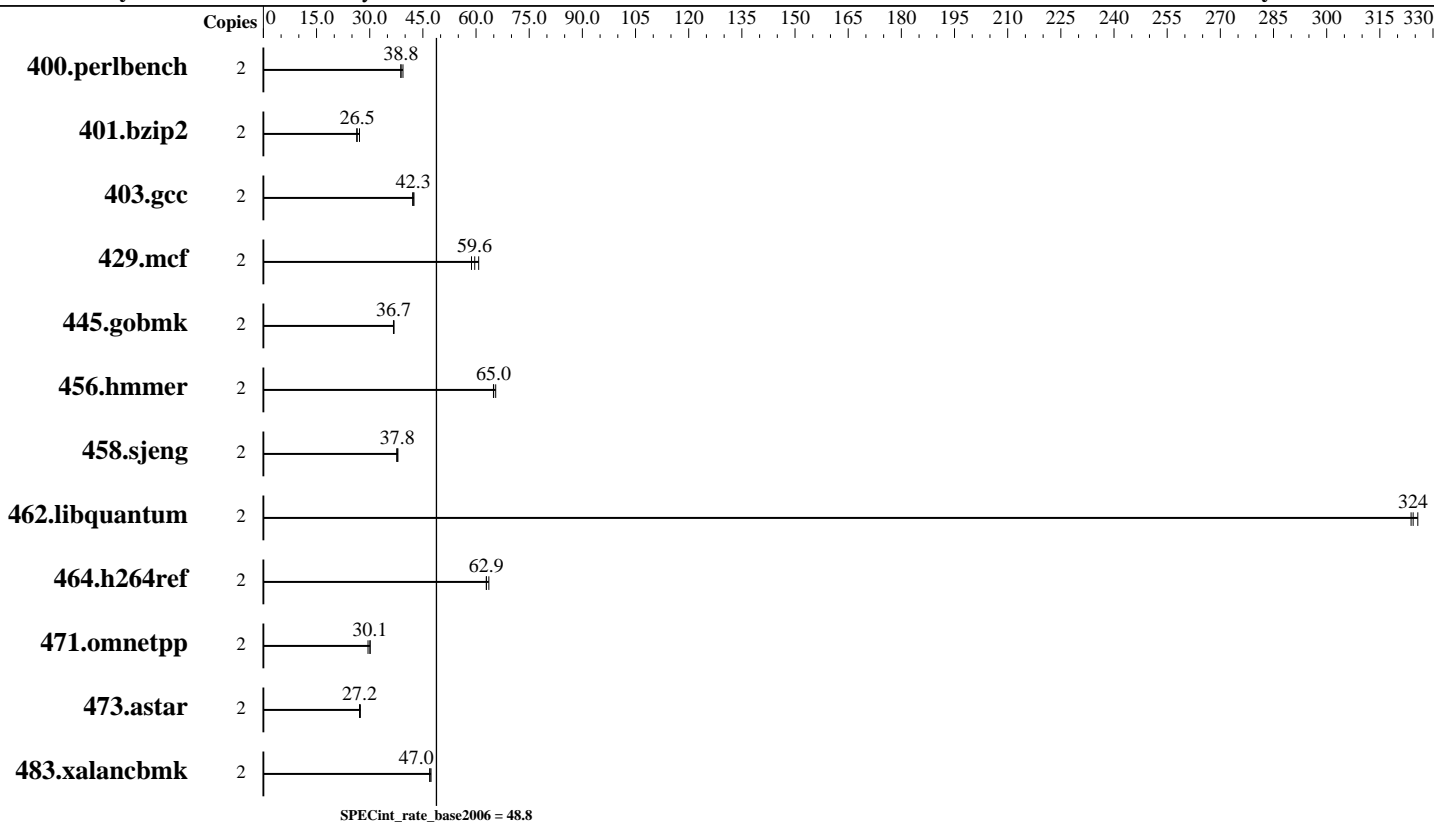
Test sponsor: hp

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



## Hardware

CPU Name: Intel Core2 Duo T7700  
 CPU Characteristics: Intel Core(TM)2 Duo T7700 2.40GHz  
 CPU MHz: 2666.76  
 FPU: --  
 CPU(s) enabled: 2 cores, could not determine chips, 1 core/chip  
 CPU(s) orderable: --  
 Primary Cache: --  
 Secondary Cache: 4096 KB  
 L3 Cache: --  
 Other Cache: --  
 Memory: 3.741 GB fixme: If using DDR3, format is:  
 'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'  
 Disk Subsystem: 109 GB add more disk info here  
 Other Hardware: --

## Software

Operating System: CentOS release 6.4 (Final)  
 2.6.32-358.6.1.el6.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	496	39.4	503	38.8	<u>503</u>	<u>38.8</u>							
401.bzip2	2	733	26.3	712	27.1	<u>729</u>	<u>26.5</u>							
403.gcc	2	379	42.5	<u>381</u>	<u>42.3</u>	382	42.1							
429.mcf	2	311	58.7	300	60.7	<u>306</u>	<u>59.6</u>							
445.gobmk	2	569	36.9	572	36.7	<u>571</u>	<u>36.7</u>							
456.hammer	2	285	65.5	287	64.9	<u>287</u>	<u>65.0</u>							
458.sjeng	2	638	38.0	643	37.6	<u>640</u>	<u>37.8</u>							
462.libquantum	2	128	324	<u>128</u>	<u>324</u>	127	326							
464.h264ref	2	696	63.6	<u>703</u>	<u>62.9</u>	704	62.9							
471.omnetpp	2	<u>415</u>	<u>30.1</u>	415	30.1	423	29.5							
473.astar	2	513	27.4	518	27.1	<u>517</u>	<u>27.2</u>							
483.xalancbmk	2	292	47.3	294	46.9	<u>293</u>	<u>47.0</u>							

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 hp-test-medium Fri May 17 19:05:36 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) Core(TM)2 Duo CPU T7700 @ 2.40GHz
*
* 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 : 4096 KB
```

```
From /proc/meminfo
  MemTotal: 3922920 kB
```

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## Platform Notes (Continued)

HugePages\_Total: 0  
Hugepagesize: 2048 kB

From /etc/\*release\* /etc/\*version\*  
centos-release: CentOS release 6.4 (Final)  
redhat-release: CentOS release 6.4 (Final)  
system-release: CentOS release 6.4 (Final)  
system-release-cpe: cpe:/o:centos:linux:6:GA

uname -a:  
Linux hp-test-medium 2.6.32-358.6.1.el6.x86\_64 #1 SMP Tue Apr 23 19:29:00 UTC  
2013 x86\_64 x86\_64 x86\_64 GNU/Linux

run-level 3 May 17 18:11

SPEC is set to: /opt/cpu2006  
Filesystem Type Size Used Avail Use% Mounted on  
/dev/vdb ext4 109G 4.7G 99G 5% /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](mailto:webmaster@spec.org).

Tested with SPEC CPU2006 v1.2.  
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