

SPEC® CINT2006 Result

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hp
medium

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 48.8

CPU2006 license: 4093

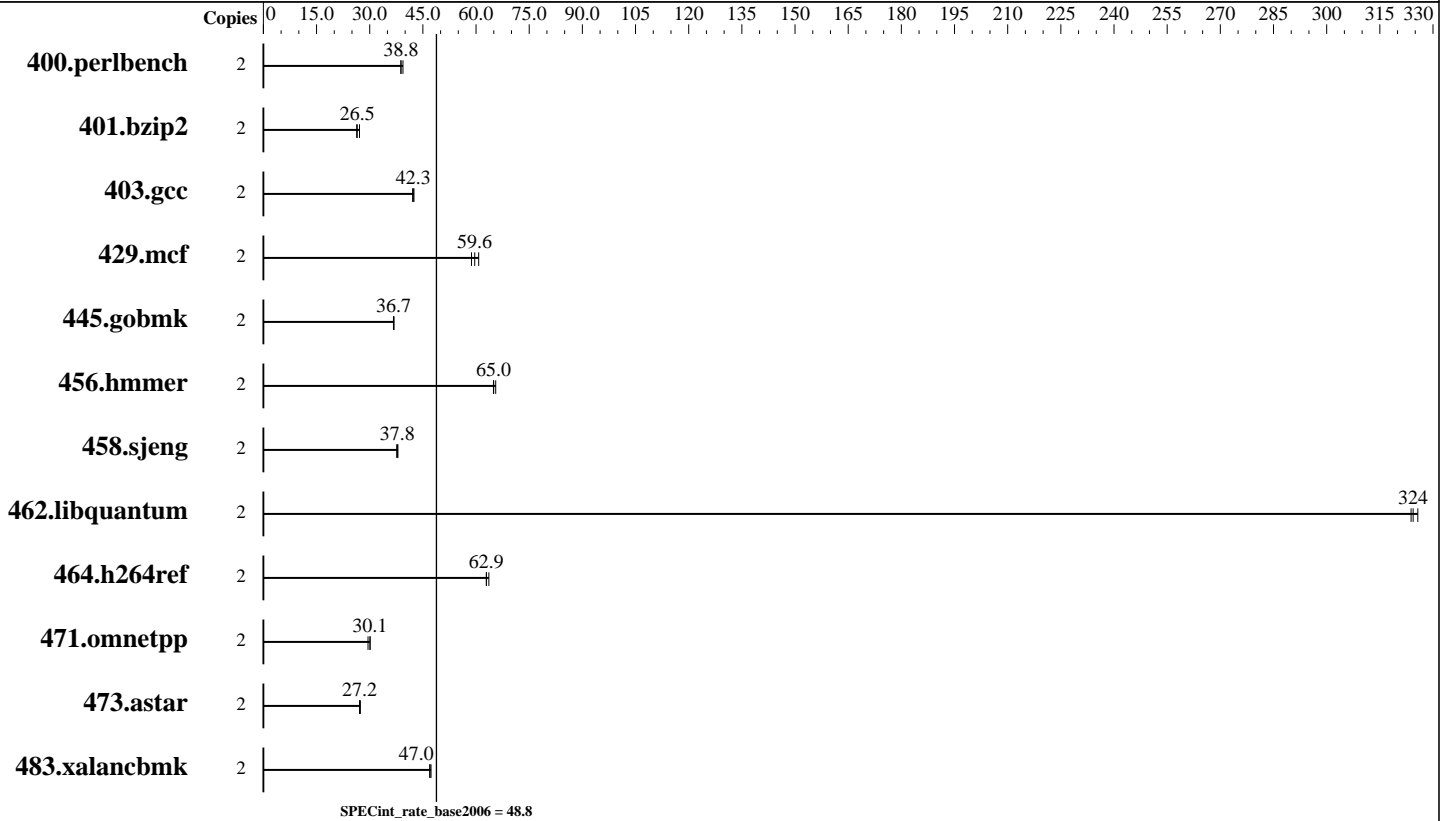
Test sponsor: hp

Tested by: CloudHarmony Inc

Test date: May-2013

Hardware Availability: --

Software Availability: --



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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.

Tested with SPEC CPU2006 v1.2.
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