

SPEC® CINT2006 Result

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hp
double-extra-large

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 169

CPU2006 license: 4093

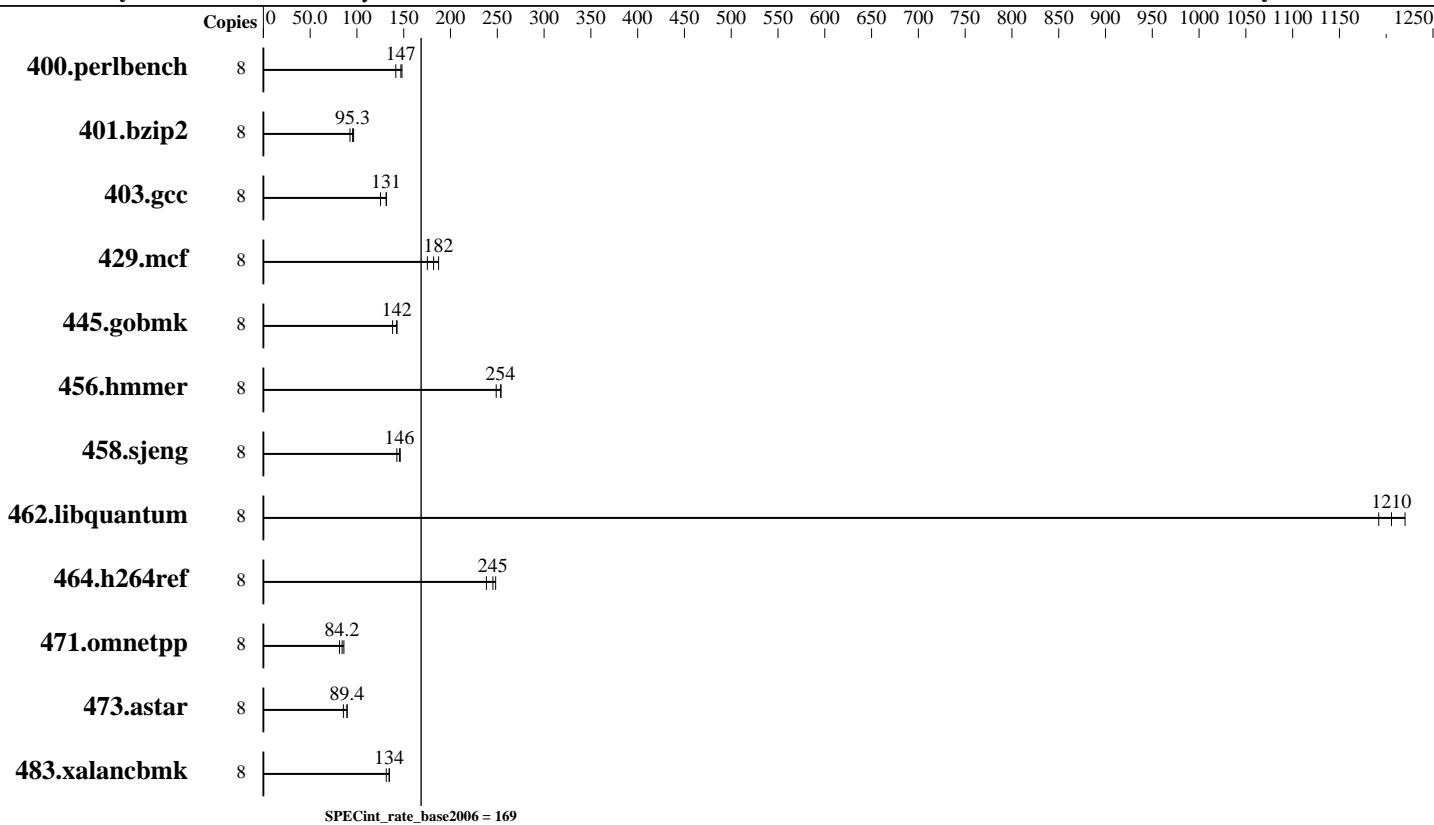
Test sponsor: hp

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: 8 cores, could not determine chips, 1 core/chip
 CPU(s) orderable: --
 Primary Cache: --
 Secondary Cache: 4096 KB
 L3 Cache: --
 Other Cache: --
 Memory: 31.356 GB fixme: If using DDR3, format is: 'N GB (M x N GB nRxn PCn-nnnnnR-n, ECC)'
 Disk Subsystem: 936 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	8	528	148	<u>532</u>	<u>147</u>	552	142							
401.bzip2	8	800	96.4	<u>810</u>	<u>95.3</u>	834	92.6							
403.gcc	8	<u>491</u>	<u>131</u>	489	132	515	125							
429.mcf	8	390	187	<u>401</u>	<u>182</u>	416	175							
445.gobmk	8	<u>589</u>	<u>142</u>	588	143	608	138							
456.hammer	8	294	254	<u>294</u>	<u>254</u>	300	249							
458.sjeng	8	662	146	<u>665</u>	<u>146</u>	678	143							
462.libquantum	8	136	1220	<u>137</u>	<u>1210</u>	139	1190							
464.h264ref	8	713	248	<u>722</u>	<u>245</u>	743	238							
471.omnetpp	8	581	86.1	<u>594</u>	<u>84.2</u>	614	81.4							
473.astar	8	628	89.5	<u>628</u>	<u>89.4</u>	657	85.5							
483.xalancbmk	8	<u>411</u>	<u>134</u>	410	135	420	131							

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-2xlarge Thu May 16 14:23:08 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.
*
  8 "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:      32878716 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-2xlarge 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 16 13:55

SPEC is set to: /opt/cpu2006
Filesystem Type Size Used Avail Use% Mounted on
/dev/vdb ext4 936G 5.7G 882G 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

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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.

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