



SPEC® CINT2006 Result

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Hewlett-Packard Company

SPECint®_rate2006 = Not Run

ProLiant DL120 G5
(2.66 GHz, Intel Xeon X3350)

SPECint_rate_base2006 = 61.1

CPU2006 license: 3

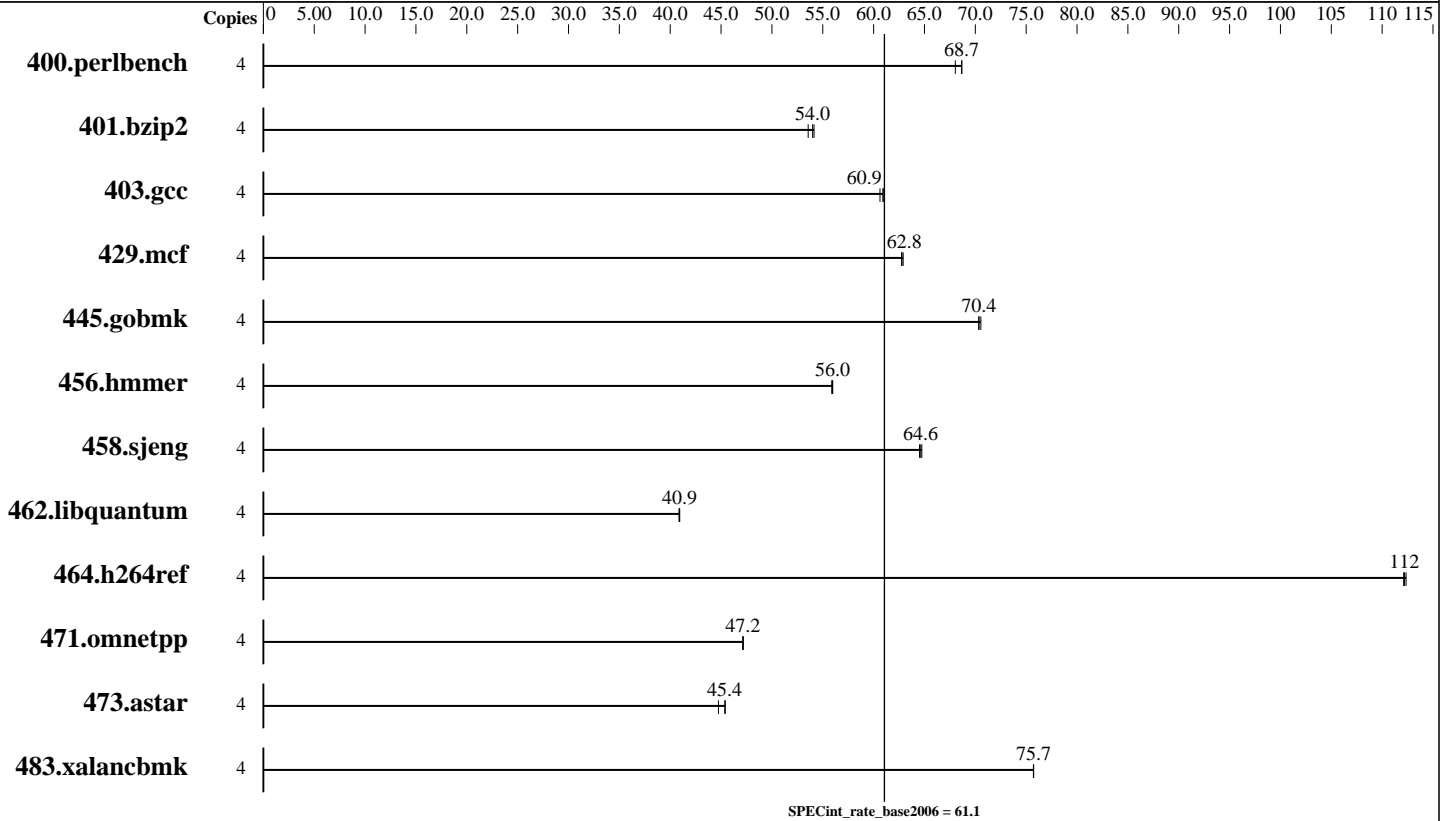
Test date: Jun-2008

Test sponsor: Hewlett-Packard Company

Hardware Availability: Sep-2008

Tested by: Hewlett-Packard Company

Software Availability: Nov-2007



Hardware

CPU Name: Intel Xeon X3350
 CPU Characteristics: 2.66 GHz, 2x6 MB L2 shared, 1333 MHz system bus
 CPU MHz: 2666
 FPU: Integrated
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 12 MB I+D on chip per chip, 6 MB shared / 2 cores
 L3 Cache: None
 Other Cache: None
 Memory: 8 GB (4x2 GB PC2-6400E CL6)
 Disk Subsystem: 1x160 GB 7.2 K SATA
 Other Hardware: None

Software

Operating System: SUSE Linux Enterprise Server 10 (x86_64) SP1, Kernel 2.6.16.46-0.12-smp
 Compiler: Intel C++ Compiler 10.1 for Linux Build 20070913 Package ID: l_cc_p_10.1.008
 Auto Parallel: No
 File System: ext2
 System State: Run level 3 (multi-user)
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: MicroQuill SmartHeap Library 8.1 binutils-2.17.50



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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	4	574	68.0	569	68.7	<u>569</u>	<u>68.7</u>							
401.bzip2	4	713	54.1	<u>715</u>	<u>54.0</u>	721	53.6							
403.gcc	4	528	60.9	531	60.6	<u>529</u>	<u>60.9</u>							
429.mcf	4	580	62.9	<u>581</u>	<u>62.8</u>	581	62.7							
445.gobmk	4	595	70.5	<u>596</u>	<u>70.4</u>	597	70.3							
456.hammer	4	<u>667</u>	<u>56.0</u>	668	55.9	667	56.0							
458.sjeng	4	748	64.7	750	64.5	<u>749</u>	<u>64.6</u>							
462.libquantum	4	2025	40.9	2028	40.9	<u>2025</u>	<u>40.9</u>							
464.h264ref	4	790	112	<u>789</u>	<u>112</u>	788	112							
471.omnetpp	4	530	47.1	530	47.2	<u>530</u>	<u>47.2</u>							
473.astar	4	<u>619</u>	<u>45.4</u>	628	44.7	618	45.4							
483.xalancbmk	4	365	75.7	<u>364</u>	<u>75.7</u>	364	75.7							

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

Operating System Notes

'ulimit -s unlimited' was used to set the stacksize to unlimited prior to run

Platform Notes

BIOS configuration:
Hardware Prefetcher Disabled
Adjacent Cache Line Prefetch Disabled

Base Compiler Invocation

C benchmarks:
icc

C++ benchmarks:
icpc

Base Portability Flags

400.perlbench: -DSPEC_CPU_LINUX_IA32
462.libquantum: -DSPEC_CPU_LINUX
483.xalancbmk: -DSPEC_CPU_LINUX



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Base Optimization Flags

C benchmarks:

`-fast -inline-calloc -opt-malloc-options=3`

C++ benchmarks:

`-xT -ipo -O3 -no-prec-div -Wl,-z,muldefs
-L/cpu2006/SmartHeap_8.1/lib -lsmartheap`

Base Other Flags

C benchmarks:

`403.gcc: -Dalloca=_alloca`

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/HP-Intel-ic10.1-linux-int-flags.20090713.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/HP-Intel-ic10.1-linux-int-flags.20090713.xml>

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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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