



SPEC[®] CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Itautec

SPECint[®]_rate2006 = Not Run

Servidor Itautec LX211 (Intel Xeon E5440)

SPECint_rate_base2006 = 57.5

CPU2006 license: 9001

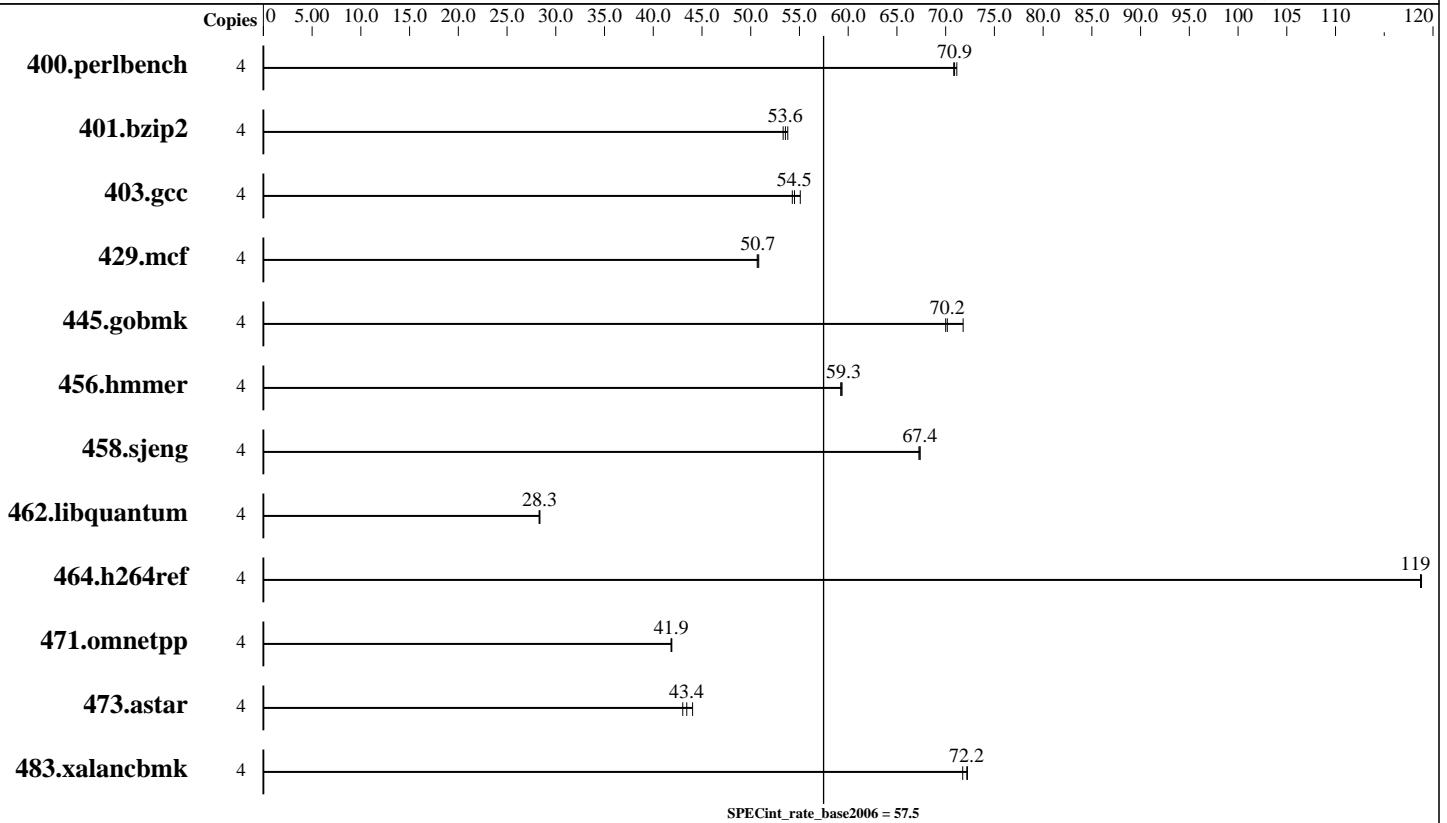
Test sponsor: Itautec

Tested by: Itautec

Test date: Mar-2008

Hardware Availability: Dec-2007

Software Availability: Jan-2008



Hardware

CPU Name: Intel Xeon E5440
 CPU Characteristics:
 CPU MHz: 2833
 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: 12 GB (6 * 2 GB PC2-5300 FBDIMM, CL-5-5-5, ECC)
 Disk Subsystem: 1 x SATA, 200GB, 7200 RPM
 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 for Linux version 10.1 Build 20080112 Package ID: l_cc_p_10.1.012
 Auto Parallel: No
 File System: ReiserFS
 System State: Run level 3 (multi-user)
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: Binutils 2.17.10.50
 MicroQuill SmartHeap V8.1



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Itaotec

SPECint_rate2006 = Not Run

Servidor Itaotec LX211 (Intel Xeon E5440)

SPECint_rate_base2006 = 57.5

CPU2006 license: 9001
Test sponsor: Itaotec
Tested by: Itaotec

Test date: Mar-2008
Hardware Availability: Dec-2007
Software Availability: Jan-2008

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	549	71.1	552	70.8	<u>551</u>	<u>70.9</u>							
401.bzip2	4	717	53.8	724	53.3	<u>721</u>	<u>53.6</u>							
403.gcc	4	593	54.3	<u>591</u>	<u>54.5</u>	585	55.1							
429.mcf	4	718	50.8	720	50.7	<u>719</u>	<u>50.7</u>							
445.gobmk	4	584	71.8	599	70.0	<u>598</u>	<u>70.2</u>							
456.hammer	4	<u>629</u>	<u>59.3</u>	630	59.2	629	59.4							
458.sjeng	4	720	67.3	718	67.4	<u>719</u>	<u>67.4</u>							
462.libquantum	4	2922	28.4	<u>2924</u>	<u>28.3</u>	2930	28.3							
464.h264ref	4	746	119	745	119	<u>746</u>	<u>119</u>							
471.omnetpp	4	597	41.9	598	41.8	<u>597</u>	<u>41.9</u>							
473.astar	4	638	44.0	<u>646</u>	<u>43.4</u>	653	43.0							
483.xalancbmk	4	382	72.2	385	71.8	<u>382</u>	<u>72.2</u>							

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.
'/usr/bin/taskset' used to bind benchmark copies to processors.

Platform Notes

BIOS configuration:
Hardware 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



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Itautec

SPECint_rate2006 = Not Run

Servidor Itautec LX211 (Intel Xeon E5440)

SPECint_rate_base2006 = 57.5

CPU2006 license: 9001
Test sponsor: Itautec
Tested by: Itautec

Test date: Mar-2008
Hardware Availability: Dec-2007
Software Availability: Jan-2008

Base Optimization Flags

C benchmarks:
-fast -inline-alloc -opt-malloc-options=3

C++ benchmarks:
-xT -ipo -O3 -no-prec-div -Wl,-z,muldefs -L/CPU2006/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/Itautec-ic10.1-FP-intel64-linux-flags.20090713.html>

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

<http://www.spec.org/cpu2006/flags/Itautec-ic10.1-FP-intel64-linux-flags.20090713.xml>

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.1.
Report generated on Tue Jul 22 16:41:50 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 2 April 2008.