



# SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Dell Inc.

SPECint®\_rate2006 = Not Run

PowerEdge R610 (Intel Xeon E5530, 2.40 GHz)

SPECint\_rate\_base2006 = 89.3

CPU2006 license: 55

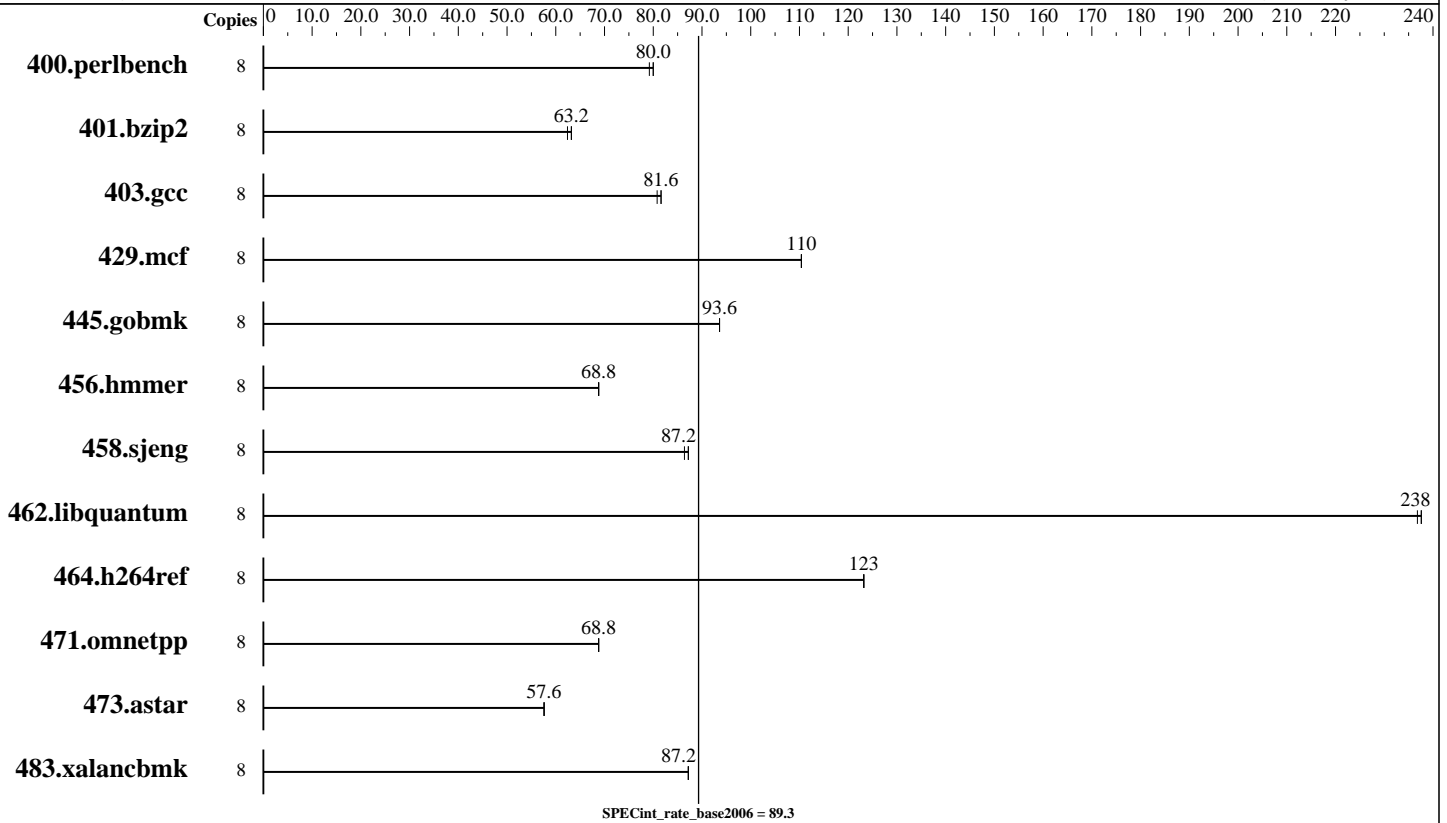
Test date: Sep-2009

Test sponsor: Dell Inc.

Hardware Availability: Mar-2009

Tested by: Dell Inc.

Software Availability: May-2009



## Hardware

CPU Name: Intel Xeon E5530  
 CPU Characteristics: Intel Turbo Boost Technology up to 2.66 GHz  
 CPU MHz: 2400  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip, 2 threads/core  
 CPU(s) orderable: 1,2 chips  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 256 KB I+D on chip per core  
 L3 Cache: 8 MB I+D on chip per chip  
 Other Cache: None  
 Memory: 8 GB (2 x 4 GB DDR3-1066 DR RDIMM)  
 Disk Subsystem: 2 x 73 GB 15000 RPM SAS  
 Other Hardware: None

## Software

Operating System: Microsoft Windows Server 2008 Enterprise x64 Edition SP2  
 Compiler: Intel C++ Compiler for IA-32, Version 11.0 Build 20090131 Package ID: w\_eproc\_p\_11.0.072 Microsoft Visual Studio 2008 SP1  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: MicroQuill SmartHeap Library 8.1



# SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Dell Inc.

SPECint\_rate2006 = Not Run

PowerEdge R610 (Intel Xeon E5530, 2.40 GHz)

SPECint\_rate\_base2006 = 89.3

CPU2006 license: 55  
Test sponsor: Dell Inc.  
Tested by: Dell Inc.

Test date: Sep-2009  
Hardware Availability: Mar-2009  
Software Availability: May-2009

## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	976	80.0	985	79.2	<b>980</b>	<b>80.0</b>							
401.bzip2	8	1226	63.2	1232	62.4	<b>1229</b>	<b>63.2</b>							
403.gcc	8	788	81.6	799	80.8	<b>791</b>	<b>81.6</b>							
429.mcf	8	660	110	661	110	<b>660</b>	<b>110</b>							
445.gobmk	8	898	93.6	<b>897</b>	<b>93.6</b>	896	93.6							
456.hammer	8	1084	68.8	1082	68.8	<b>1082</b>	<b>68.8</b>							
458.sjeng	8	1116	86.4	<b>1112</b>	<b>87.2</b>	1111	87.2							
462.libquantum	8	<b>698</b>	<b>238</b>	698	238	700	237							
464.h264ref	8	<b>1437</b>	<b>123</b>	1437	123	1436	123							
471.omnetpp	8	725	68.8	723	68.8	<b>723</b>	<b>68.8</b>							
473.astar	8	981	57.6	<b>981</b>	<b>57.6</b>	980	57.6							
483.xalancbmk	8	631	87.2	631	87.2	<b>631</b>	<b>87.2</b>							

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

## General Notes

Binaries were built on Windows Vista Business (64-bit)

## Base Compiler Invocation

C benchmarks:  
icl -Qvc9 -Qstd=c99  
C++ benchmarks:  
icl -Qvc9

## Base Portability Flags

403.gcc: -DSPEC\_CPU\_WIN32  
464.h264ref: -DSPEC\_CPU\_NO\_INTTYPES -DWIN32  
483.xalancbmk: -Qoption,cpp,--no\_wchar\_t\_keyword

## Base Optimization Flags

C benchmarks:  
-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000

Continued on next page



# SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Dell Inc.

SPECint\_rate2006 = Not Run

PowerEdge R610 (Intel Xeon E5530, 2.40 GHz)

SPECint\_rate\_base2006 = 89.3

CPU2006 license: 55

Test date: Sep-2009

Test sponsor: Dell Inc.

Hardware Availability: Mar-2009

Tested by: Dell Inc.

Software Availability: May-2009

## Base Optimization Flags (Continued)

C++ benchmarks:

-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx\_features  
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE

## 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/dell.flags.ic11.0.win.html>

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

<http://www.spec.org/cpu2006/flags/dell.flags.ic11.0.win.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](mailto:webmaster@spec.org).

Tested with SPEC CPU2006 v1.1.  
Report generated on Wed Jul 23 02:59:16 2014 by SPEC CPU2006 PS/PDF formatter v6932.  
Originally published on 29 September 2009.