



# SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

## Dell Inc.

PowerEdge 2900 (Intel Xeon processor X5355, 2.66 GHz)

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 80.9

CPU2006 license: 55

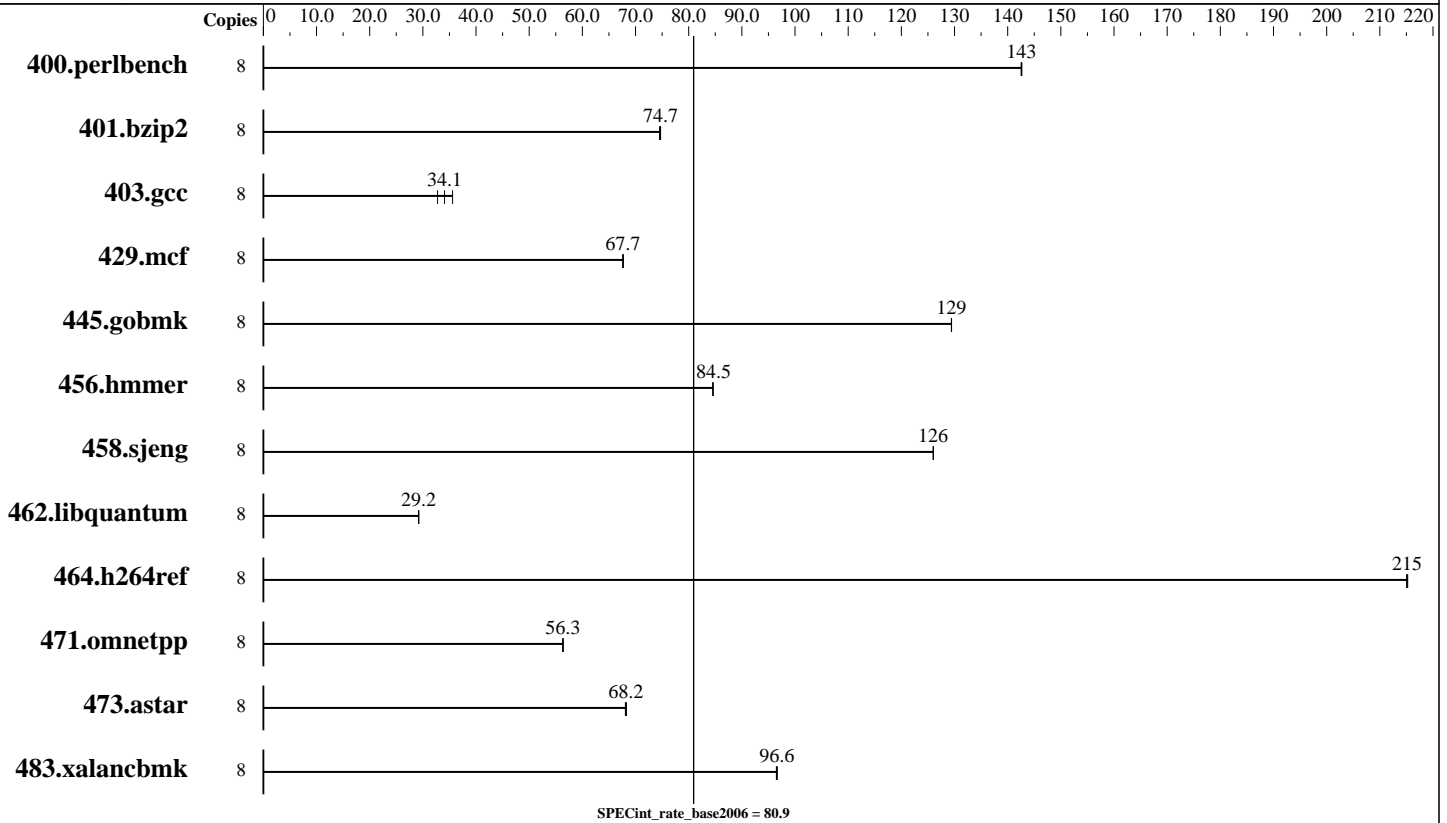
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Dec-2006

Software Availability: Nov-2006



### Hardware

CPU Name: Intel Xeon X5355  
 CPU Characteristics: 1333 MHz Bus Speed  
 CPU MHz: 2666  
 FPU: Integrated  
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
 CPU(s) orderable: 1,2 chips  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 8 MB I+D on chip per chip, 4 MB shared / 2 cores  
 L3 Cache: None  
 Other Cache: None  
 Memory: 16 GB (8 x 2 GB 667MHz CL5 DDR2 FB-DIMM SDRAM)  
 Disk Subsystem: 1 x 36GB SAS 15k RPM  
 Other Hardware: None

### Software

Operating System: Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)  
 Compiler: Intel C++ Compiler 9.1 for IA32 (20061103Z)  
 Microsoft Visual Studio 2005  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: MicroQuill SmartHeap Library 8.0



# SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Dell Inc.

SPECint\_rate2006 = Not Run

PowerEdge 2900 (Intel Xeon processor X5355, 2.66 GHz)

SPECint\_rate\_base2006 = 80.9

CPU2006 license: 55

Test date: Mar-2007

Test sponsor: Dell Inc.

Hardware Availability: Dec-2006

Tested by: Dell Inc.

Software Availability: Nov-2006

## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	548	143	<b>548</b>	<b>143</b>	548	143							
401.bzip2	8	<b>1034</b>	<b>74.7</b>	1033	74.7	1036	74.5							
403.gcc	8	1966	32.8	<b>1890</b>	<b>34.1</b>	1810	35.6							
429.mcf	8	1079	67.6	<b>1078</b>	<b>67.7</b>	1078	67.7							
445.gobmk	8	648	129	<b>648</b>	<b>129</b>	648	129							
456.hammer	8	883	84.5	882	84.6	<b>883</b>	<b>84.5</b>							
458.sjeng	8	768	126	<b>768</b>	<b>126</b>	768	126							
462.libquantum	8	5678	29.2	<b>5674</b>	<b>29.2</b>	5673	29.2							
464.h264ref	8	823	215	<b>823</b>	<b>215</b>	823	215							
471.omnetpp	8	886	56.4	<b>888</b>	<b>56.3</b>	888	56.3							
473.astar	8	822	68.3	<b>824</b>	<b>68.2</b>	825	68.1							
483.xalanbmk	8	572	96.5	<b>571</b>	<b>96.6</b>	571	96.7							

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

## Platform Notes

Hardware Prefetcher disabled in BIOS  
Adjacent Cache Line Prefetch disabled in BIOS

## Base Compiler Invocation

C benchmarks:  
icl -Qc99

C++ benchmarks:  
icl

## Base Portability Flags

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

## Base Optimization Flags

C benchmarks:  
-fast /F512000000 shlw32M.lib -link /FORCE:MULTIPLE

Continued on next page



# SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

**Dell Inc.**

**SPECint\_rate2006 = Not Run**

PowerEdge 2900 (Intel Xeon processor X5355, 2.66 GHz)

**SPECint\_rate\_base2006 = 80.9**

**CPU2006 license:** 55

**Test date:** Mar-2007

**Test sponsor:** Dell Inc.

**Hardware Availability:** Dec-2006

**Tested by:** Dell Inc.

**Software Availability:** Nov-2006

## Base Optimization Flags (Continued)

C++ benchmarks:

```
-fast -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.cpu2006.ic91.flags.html>

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

<http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.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 v1.0.  
Report generated on Tue Jul 22 11:52:55 2014 by SPEC CPU2006 PS/PDF formatter v6932.  
Originally published on 3 April 2007.