



# SPEC® CINT2006 Result

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## Dell Inc.

PowerEdge 2900 (Intel Xeon processor E5335, 2.00 GHz)

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 69.0

CPU2006 license: 55

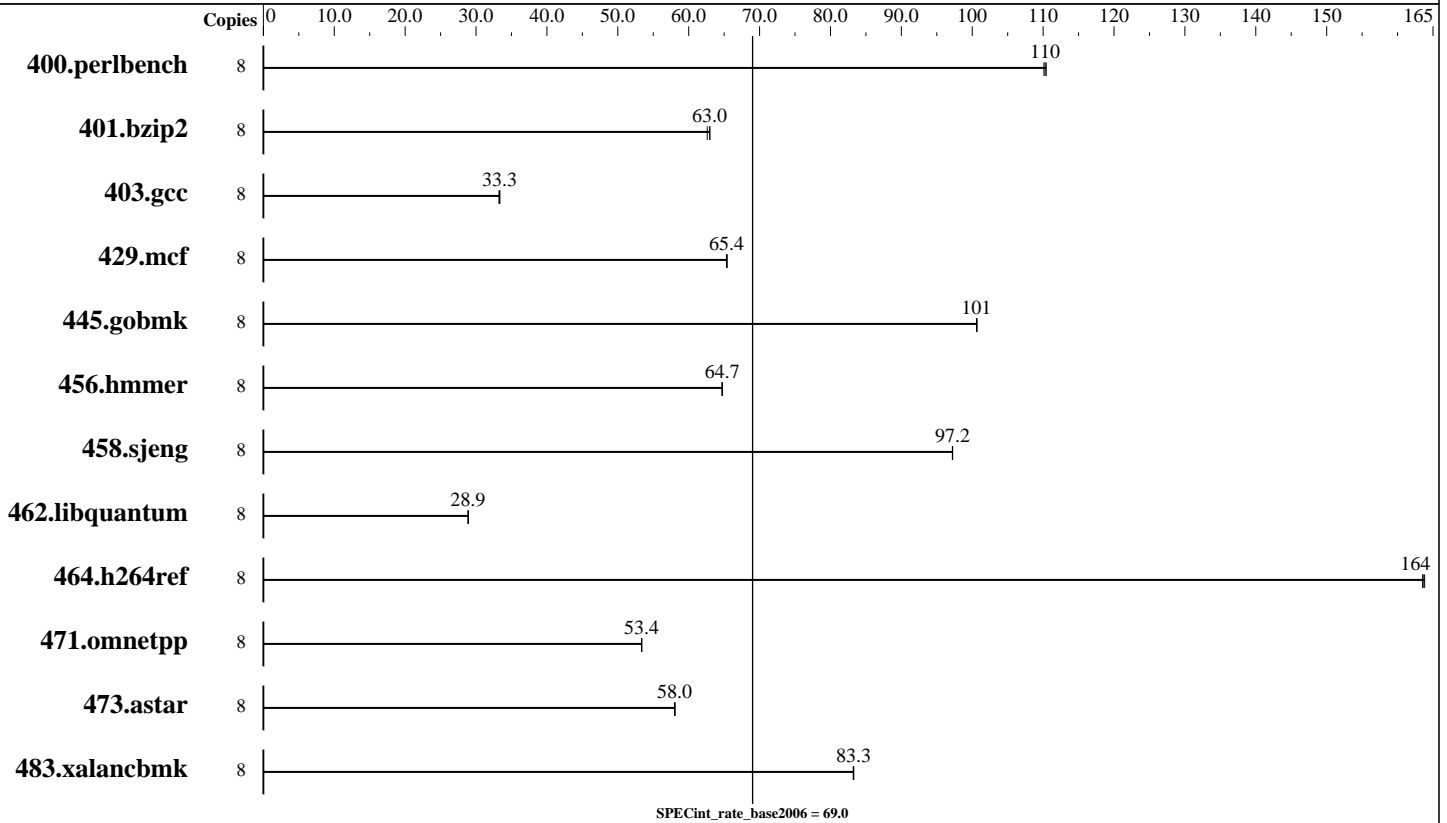
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Dec-2006

Software Availability: Nov-2006



### Hardware

CPU Name: Intel Xeon E5335  
 CPU Characteristics: 1333 MHz Bus Speed  
 CPU MHz: 2000  
 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 73 GB SAS 15k RPM  
 Other Hardware: None

### Software

Operating System: Microsoft 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



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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	710	110	<u>709</u>	<u>110</u>	708	110							
401.bzip2	8	<u>1226</u>	<u>63.0</u>	1226	63.0	1233	62.6							
403.gcc	8	1930	33.4	<u>1933</u>	<u>33.3</u>	1938	33.2							
429.mcf	8	1115	65.4	1117	65.3	<u>1116</u>	<u>65.4</u>							
445.gobmk	8	<u>834</u>	<u>101</u>	834	101	834	101							
456.hammer	8	1153	64.7	<u>1153</u>	<u>64.7</u>	1154	64.7							
458.sjeng	8	996	97.2	<u>996</u>	<u>97.2</u>	996	97.2							
462.libquantum	8	5733	28.9	5740	28.9	<u>5739</u>	<u>28.9</u>							
464.h264ref	8	1081	164	<u>1082</u>	<u>164</u>	1083	164							
471.omnetpp	8	<u>937</u>	<u>53.4</u>	937	53.4	937	53.3							
473.astar	8	<u>968</u>	<u>58.0</u>	968	58.0	967	58.1							
483.xalancbmk	8	663	83.3	663	83.2	<u>663</u>	<u>83.3</u>							

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.xalancbmk: -Qoption, cpp, --no\_wchar\_t\_keyword

## Base Optimization Flags

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

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## 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>

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For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

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