



SPEC® CINT2006 Result

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Dell Inc.

PowerEdge 2900 (Intel Xeon processor 5160, 3.00GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 53.7

CPU2006 license: 55

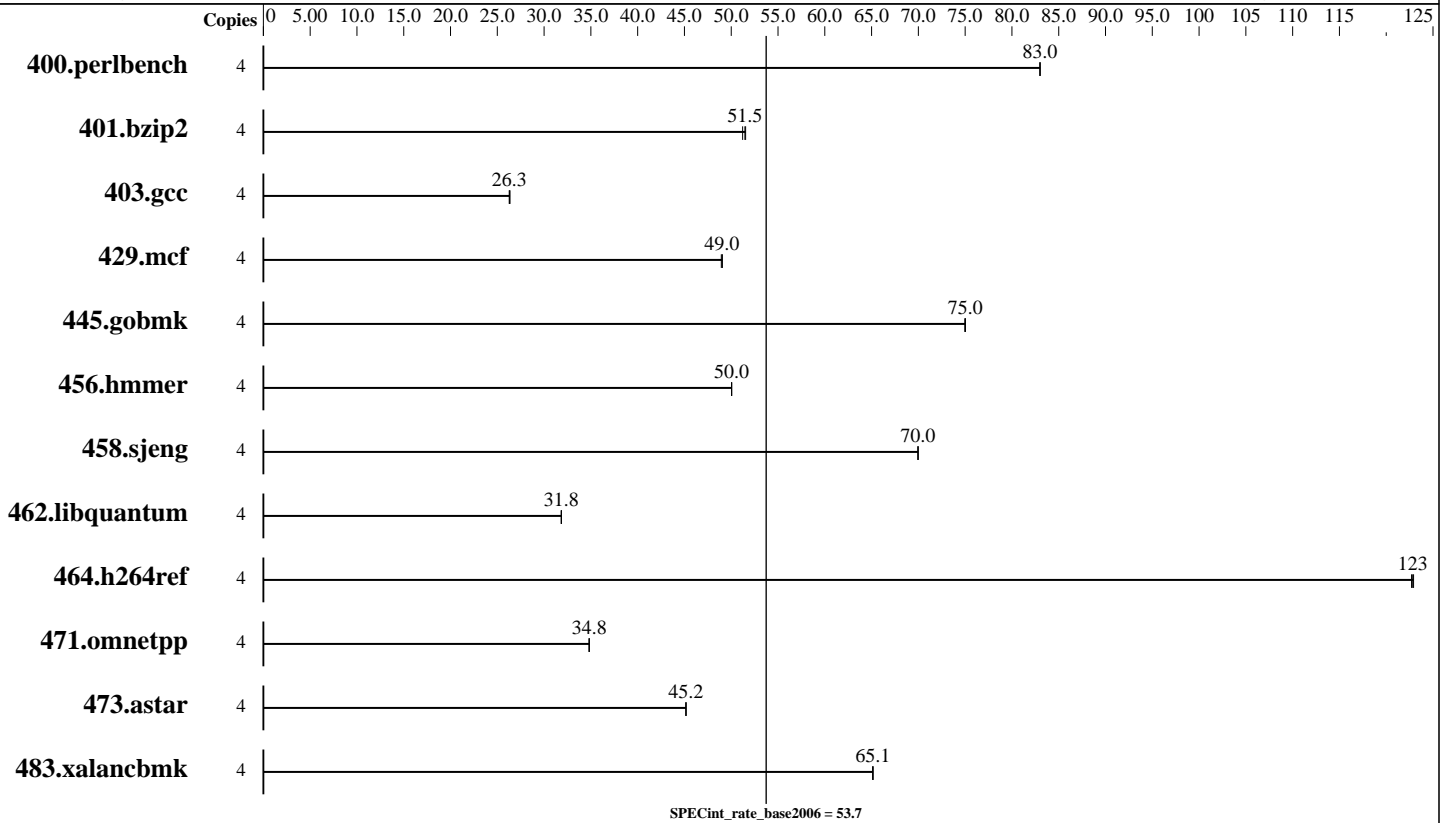
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 5160
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2 chips
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4 MB I+D on chip per chip
 L3 Cache: None
 Other Cache: None
 Memory: 16 GB (8 x 2 GB 667MHz CL5 DDR2 FB-DIMM SDRAM)
 Disk Subsystem: 1 x 73GB 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	4	471	83.0	<u>471</u>	<u>83.0</u>	471	83.0							
401.bzip2	4	754	51.2	749	51.5	<u>750</u>	<u>51.5</u>							
403.gcc	4	<u>1225</u>	<u>26.3</u>	1225	26.3	1222	26.4							
429.mcf	4	745	48.9	744	49.0	<u>744</u>	<u>49.0</u>							
445.gobmk	4	560	75.0	<u>559</u>	<u>75.0</u>	559	75.0							
456.hammer	4	746	50.0	746	50.0	<u>746</u>	<u>50.0</u>							
458.sjeng	4	692	70.0	692	70.0	<u>692</u>	<u>70.0</u>							
462.libquantum	4	2603	31.8	<u>2603</u>	<u>31.8</u>	2603	31.8							
464.h264ref	4	720	123	721	123	<u>721</u>	<u>123</u>							
471.omnetpp	4	718	34.8	<u>718</u>	<u>34.8</u>	718	34.8							
473.astar	4	622	45.2	622	45.2	<u>622</u>	<u>45.2</u>							
483.xalancbmk	4	424	65.1	424	65.2	<u>424</u>	<u>65.1</u>							

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

Platform Notes

Snoop Filter enabled 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.

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