



SPEC® CINT2006 Result

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Dell Inc.

PowerEdge 2900 (Intel Xeon processor 5150, 2.66GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 50.0

CPU2006 license: 55

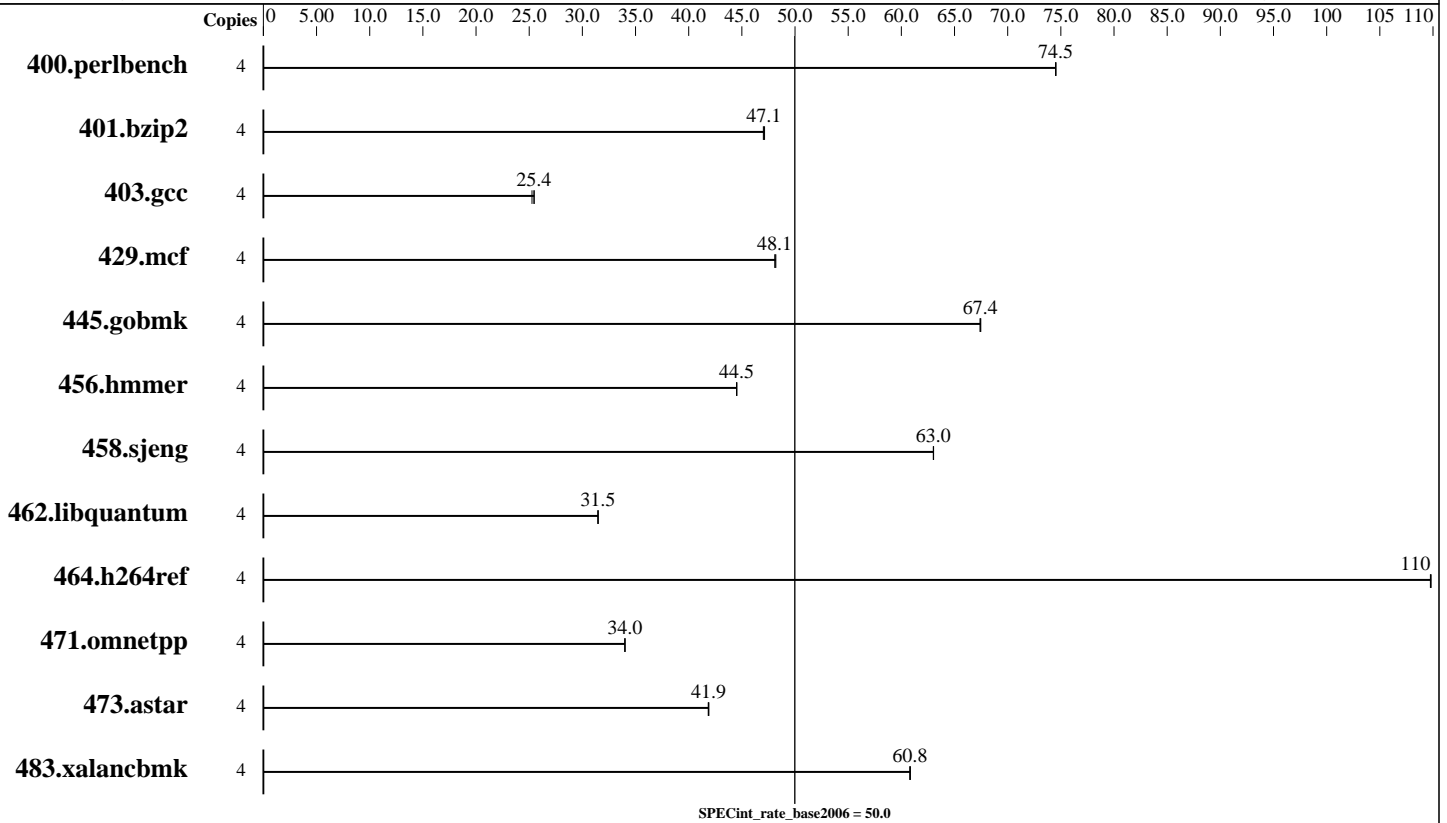
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 5150
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 2666
 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 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	4	524	74.5	<u>524</u>	<u>74.5</u>	525	74.5							
401.bzip2	4	819	47.1	<u>820</u>	<u>47.1</u>	821	47.0							
403.gcc	4	<u>1266</u>	<u>25.4</u>	1275	25.3	1264	25.5							
429.mcf	4	758	48.1	<u>758</u>	<u>48.1</u>	757	48.2							
445.gobmk	4	<u>622</u>	<u>67.4</u>	622	67.5	622	67.4							
456.hammer	4	<u>838</u>	<u>44.5</u>	838	44.5	838	44.5							
458.sjeng	4	<u>768</u>	<u>63.0</u>	768	63.0	768	63.0							
462.libquantum	4	2633	31.5	2633	31.5	<u>2633</u>	<u>31.5</u>							
464.h264ref	4	<u>806</u>	<u>110</u>	806	110	807	110							
471.omnetpp	4	735	34.0	735	34.0	<u>735</u>	<u>34.0</u>							
473.astar	4	<u>671</u>	<u>41.9</u>	671	41.8	670	41.9							
483.xalancbmk	4	454	60.8	<u>454</u>	<u>60.8</u>	454	60.8							

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

Platform Notes

Snoop Filter enabled in BIOS

General Notes

32-bit binaries were built on Windows XP Professional x64 Edition

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



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Base Optimization Flags

C benchmarks:

`-fast /F512000000 shlW32M.lib -link /FORCE:MULTIPLE`

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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