



SPEC[®] CINT2006 Result

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Dell Inc.

PowerEdge 1950 (Intel Xeon processor 5140, 2.33GHz)

SPECint[®]_rate2006 = Not Run

SPECint_rate_base2006 = 45.9

CPU2006 license: 55

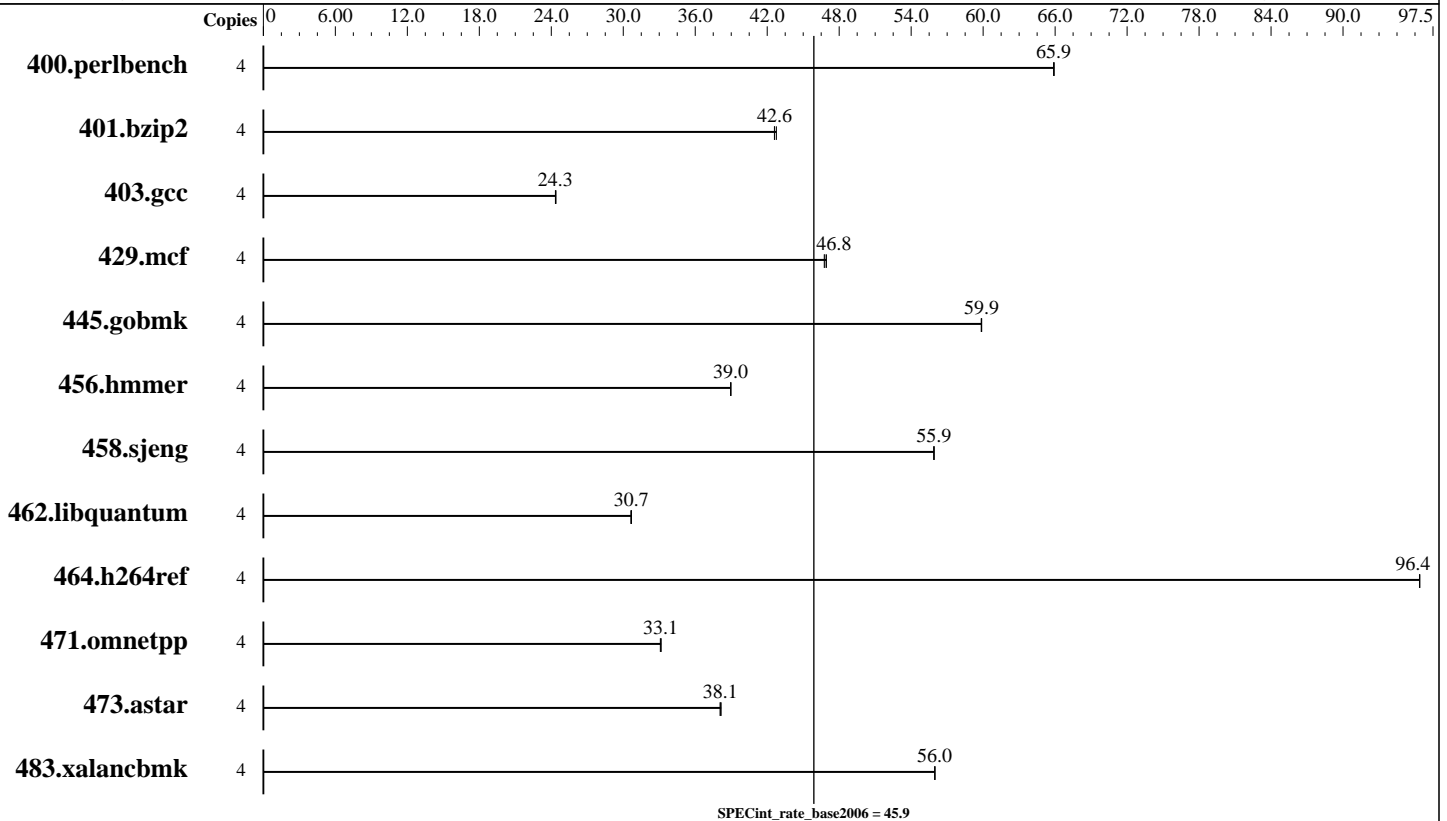
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 5140
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 2333
 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	593	65.9	<u>593</u>	<u>65.9</u>	593	65.9							
401.bzip2	4	903	42.8	<u>906</u>	<u>42.6</u>	906	42.6							
403.gcc	4	<u>1322</u>	<u>24.3</u>	1323	24.3	1320	24.4							
429.mcf	4	780	46.8	777	46.9	<u>779</u>	<u>46.8</u>							
445.gobmk	4	701	59.8	<u>701</u>	<u>59.9</u>	701	59.9							
456.hammer	4	958	39.0	958	39.0	<u>958</u>	<u>39.0</u>							
458.sjeng	4	866	55.9	866	55.9	<u>866</u>	<u>55.9</u>							
462.libquantum	4	2701	30.7	2706	30.6	<u>2701</u>	<u>30.7</u>							
464.h264ref	4	919	96.4	<u>918</u>	<u>96.4</u>	918	96.4							
471.omnetpp	4	754	33.2	<u>755</u>	<u>33.1</u>	755	33.1							
473.astar	4	737	38.1	736	38.2	<u>737</u>	<u>38.1</u>							
483.xalancbmk	4	493	56.0	493	56.0	<u>493</u>	<u>56.0</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

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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