



SPEC® CINT2006 Result

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Dell Inc.

PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 37.9

CPU2006 license: 55

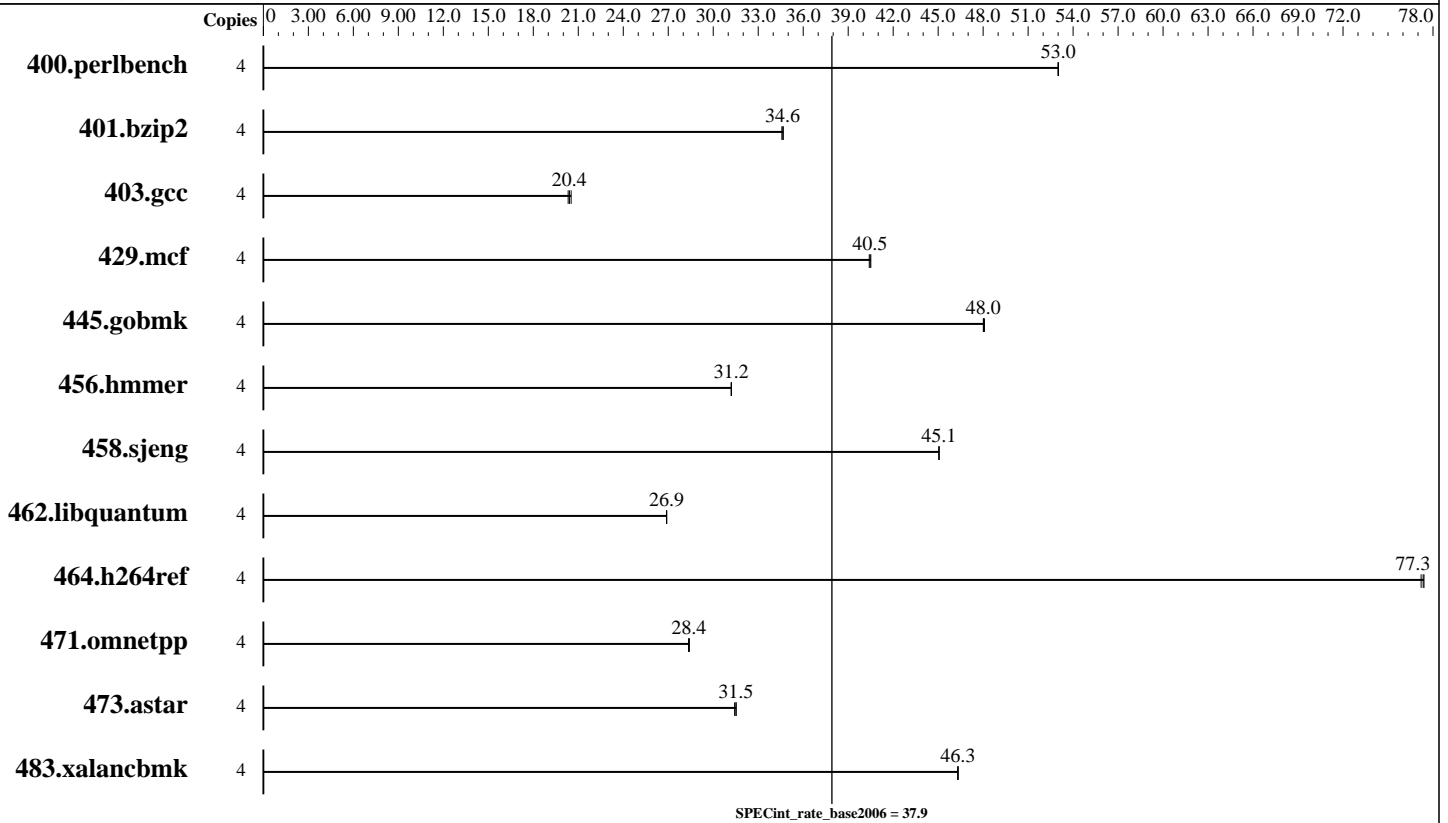
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 5120
 CPU Characteristics: 1066 MHz Bus Speed
 CPU MHz: 1866
 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	<u>737</u>	<u>53.0</u>	737	53.0	737	53.0							
401.bzip2	4	1116	34.6	1113	34.7	<u>1114</u>	<u>34.6</u>							
403.gcc	4	1569	20.5	<u>1578</u>	<u>20.4</u>	1584	20.3							
429.mcf	4	901	40.5	<u>902</u>	<u>40.5</u>	903	40.4							
445.gobmk	4	873	48.1	874	48.0	<u>874</u>	<u>48.0</u>							
456.hammer	4	1196	31.2	<u>1196</u>	<u>31.2</u>	1196	31.2							
458.sjeng	4	<u>1074</u>	<u>45.1</u>	1074	45.1	1074	45.1							
462.libquantum	4	3082	26.9	3082	26.9	<u>3082</u>	<u>26.9</u>							
464.h264ref	4	<u>1145</u>	<u>77.3</u>	1147	77.2	1144	77.4							
471.omnetpp	4	<u>881</u>	<u>28.4</u>	882	28.4	880	28.4							
473.astar	4	894	31.4	890	31.5	<u>891</u>	<u>31.5</u>							
483.xalancbmk	4	596	46.3	<u>596</u>	<u>46.3</u>	596	46.3							

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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