



SPEC® CINT2006 Result

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Dell Inc.

SPECint®_rate2006 = Not Run

PowerEdge R410 (Intel Xeon E5502, 1.86 GHz)

SPECint_rate_base2006 = 54.8

CPU2006 license: 55

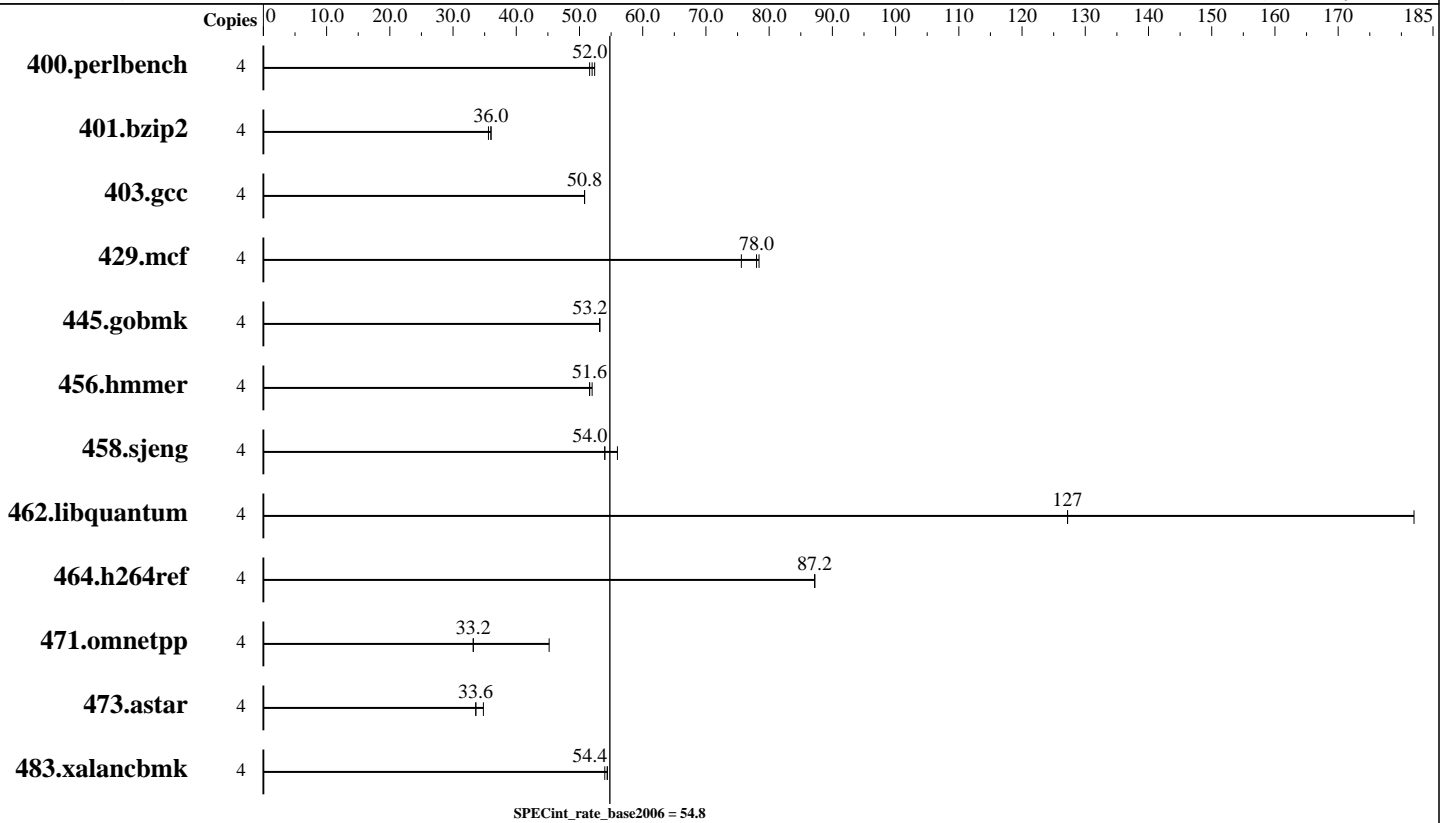
Test date: Sep-2009

Test sponsor: Dell Inc.

Hardware Availability: Jun-2009

Tested by: Dell Inc.

Software Availability: May-2009



Hardware

CPU Name: Intel Xeon E5502
 CPU Characteristics:
 CPU MHz: 1867
 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: 256 KB I+D on chip per core
 L3 Cache: 4 MB I+D on chip per chip
 Other Cache: None
 Memory: 4 GB (2 x 2 GB DDR3-1066 DR RDIMM downclocked to 800 MHz)
 Disk Subsystem: 1 x 73 GB 15000 RPM SAS
 Other Hardware: None

Software

Operating System: Microsoft Windows Server 2008 Enterprise x64 Edition SP2
 Compiler: Intel C++ Compiler for IA-32, Version 11.0 Build 20090131 Package ID: w_eproc_p_11.0.072 Microsoft Visual Studio 2008 SP1
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: MicroQuill SmartHeap Library 8.1



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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	758	51.6	748	52.4	754	52.0							
401.bzip2	4	1072	36.0	1082	35.6	1070	36.0							
403.gcc	4	632	50.8	633	50.8	633	50.8							
429.mcf	4	465	78.4	482	75.6	468	78.0							
445.gobmk	4	790	53.2	787	53.2	791	53.2							
456.hammer	4	720	52.0	721	51.6	721	51.6							
458.sjeng	4	898	54.0	897	54.0	865	56.0							
462.libquantum	4	456	182	651	127	652	127							
464.h264ref	4	1015	87.2	1014	87.2	1014	87.2							
471.omnetpp	4	756	33.2	754	33.2	552	45.2							
473.astar	4	838	33.6	812	34.8	833	33.6							
483.xalancbmk	4	508	54.4	510	54.0	506	54.4							

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

General Notes

Binaries were built on Windows Vista Business (64-bit)

Base Compiler Invocation

C benchmarks:
icl -Qvc9 -Qstd=c99
C++ benchmarks:
icl -Qvc9

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:
-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000

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Base Optimization Flags (Continued)

C++ benchmarks:

-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch -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.flags.ic11.0.win.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/dell.flags.ic11.0.win.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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