



SPEC® CINT2006 Result

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Dell Inc.

PowerEdge 1950 (Intel Xeon processor 5130, 2.00GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 41.6

CPU2006 license: 55

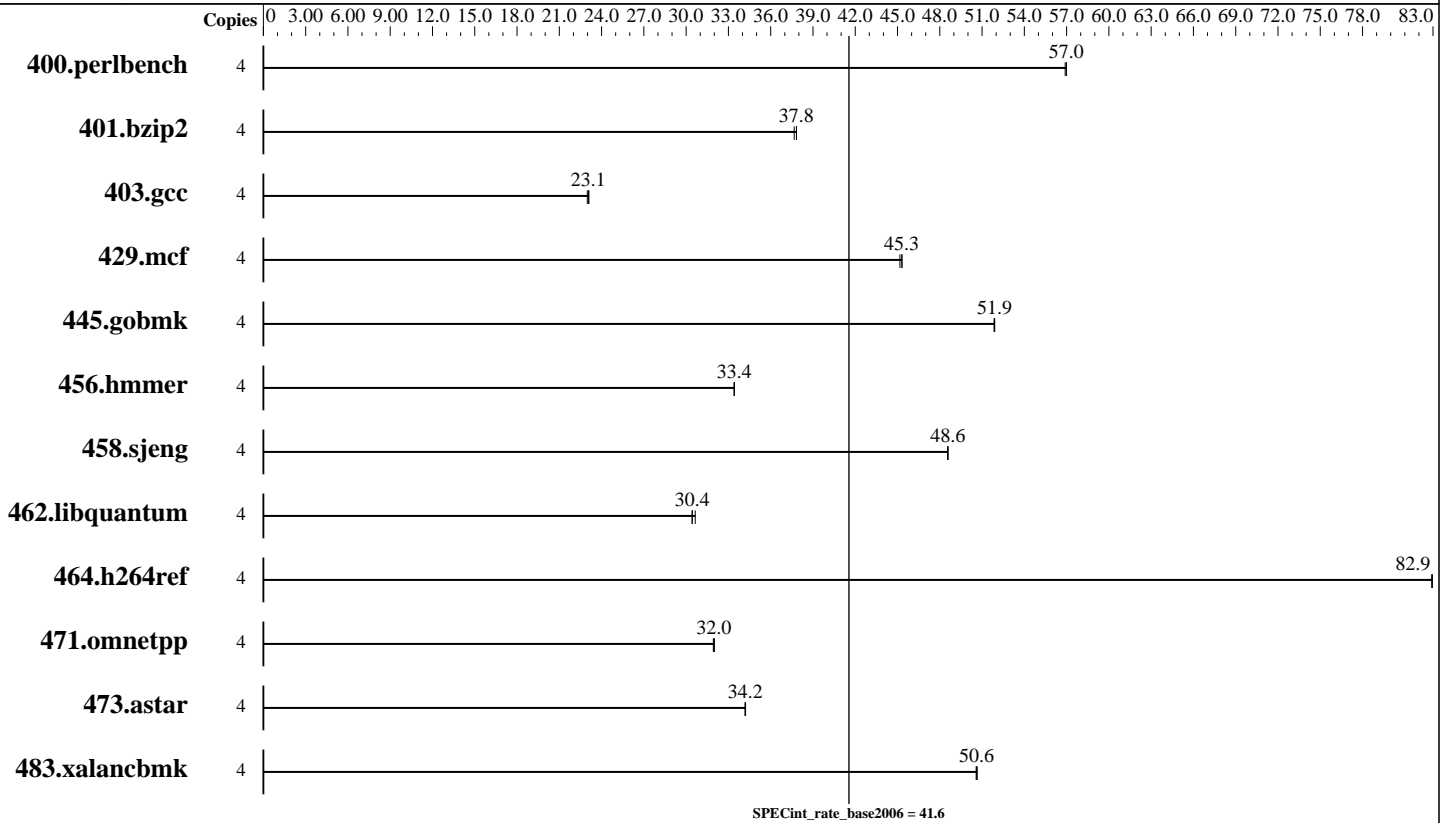
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 5130
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 2000
 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 | 686 | 57.0 | 687 | 56.9 | 686 | 57.0 | | | | | | | |
| 401.bzip2 | 4 | 1025 | 37.7 | 1020 | 37.8 | 1020 | 37.8 | | | | | | | |
| 403.gcc | 4 | 1401 | 23.0 | 1394 | 23.1 | 1396 | 23.1 | | | | | | | |
| 429.mcf | 4 | 805 | 45.3 | 808 | 45.2 | 805 | 45.3 | | | | | | | |
| 445.gobmk | 4 | 809 | 51.9 | 809 | 51.9 | 809 | 51.9 | | | | | | | |
| 456.hammer | 4 | 1117 | 33.4 | 1117 | 33.4 | 1117 | 33.4 | | | | | | | |
| 458.sjeng | 4 | 996 | 48.6 | 997 | 48.6 | 996 | 48.6 | | | | | | | |
| 462.libquantum | 4 | 2723 | 30.4 | 2724 | 30.4 | 2704 | 30.6 | | | | | | | |
| 464.h264ref | 4 | 1067 | 83.0 | 1068 | 82.9 | 1067 | 82.9 | | | | | | | |
| 471.omnetpp | 4 | 783 | 31.9 | 781 | 32.0 | 782 | 32.0 | | | | | | | |
| 473.astar | 4 | 821 | 34.2 | 821 | 34.2 | 821 | 34.2 | | | | | | | |
| 483.xalancbmk | 4 | 545 | 50.7 | 545 | 50.6 | 546 | 50.6 | | | | | | | |

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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