



SPEC® CINT2006 Result

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Dell Inc.

PowerEdge 2900 (Intel Xeon processor E5345, 2.33 GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 74.9

CPU2006 license: 55

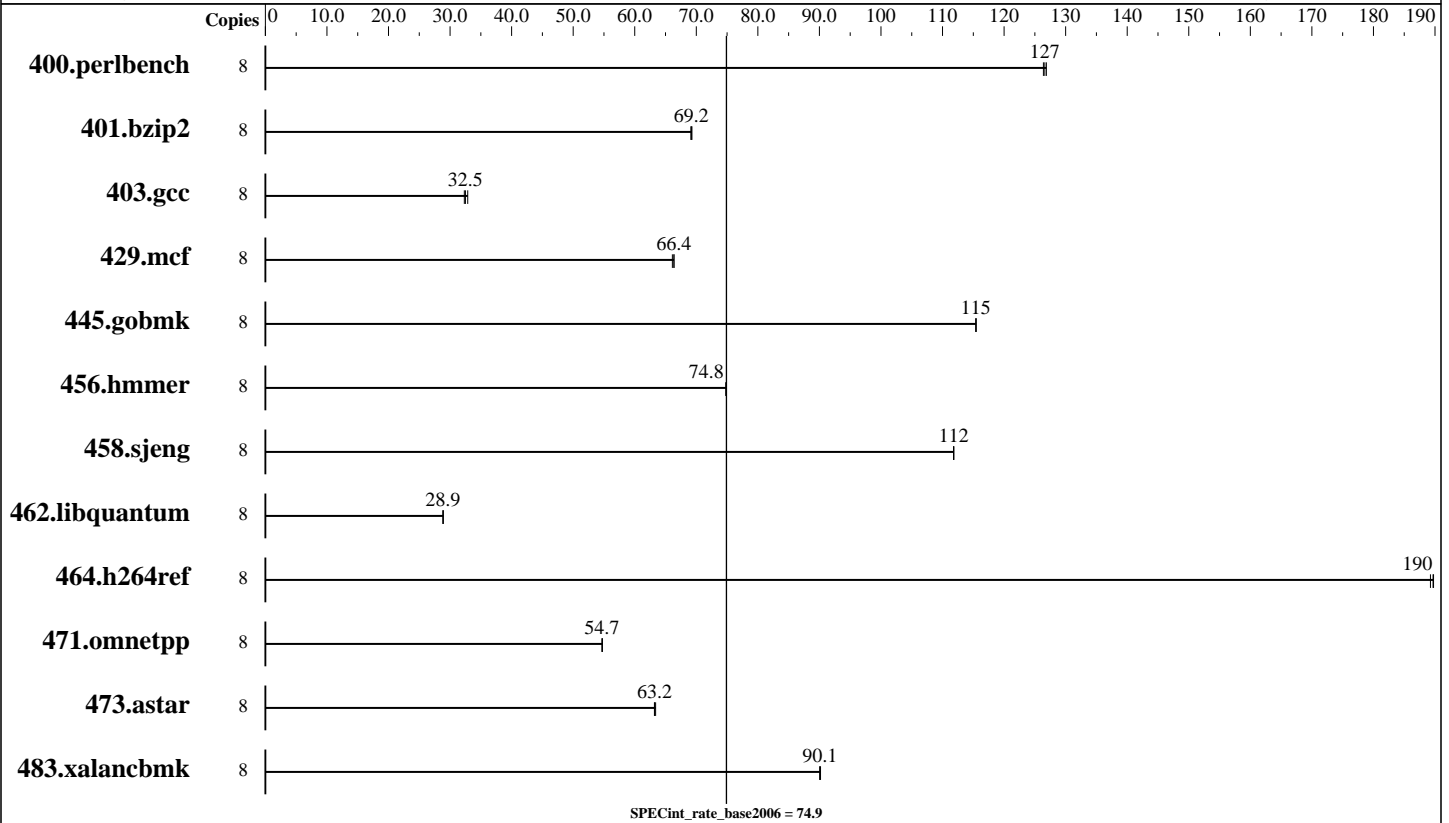
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Dec-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon E5345
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 2333
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2 chips
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 8 MB I+D on chip per chip, 4 MB shared / 2 cores
 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	8	618	126	616	127	617	127							
401.bzip2	8	1116	69.2	1117	69.1	1114	69.3							
403.gcc	8	1993	32.3	1982	32.5	1959	32.9							
429.mcf	8	1099	66.4	1104	66.1	1099	66.4							
445.gobmk	8	727	115	727	115	727	115							
456.hammer	8	997	74.8	997	74.8	997	74.8							
458.sjeng	8	866	112	866	112	866	112							
462.libquantum	8	5743	28.9	5740	28.9	5741	28.9							
464.h264ref	8	933	190	935	189	933	190							
471.omnetpp	8	913	54.7	914	54.7	914	54.7							
473.astar	8	889	63.2	888	63.2	886	63.4							
483.xalanbmk	8	613	90.1	612	90.2	613	90.1							

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

Platform Notes

Hardware Prefetcher disabled in BIOS
Adjacent Cache Line Prefetch disabled in BIOS

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.xalanbmk: -Qoption, cpp, --no_wchar_t_keyword

Base Optimization Flags

C benchmarks:
-fast /F512000000 shlw32M.lib -link /FORCE:MULTIPLE

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Base Optimization Flags (Continued)

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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