SPEC® CINT2006 Result

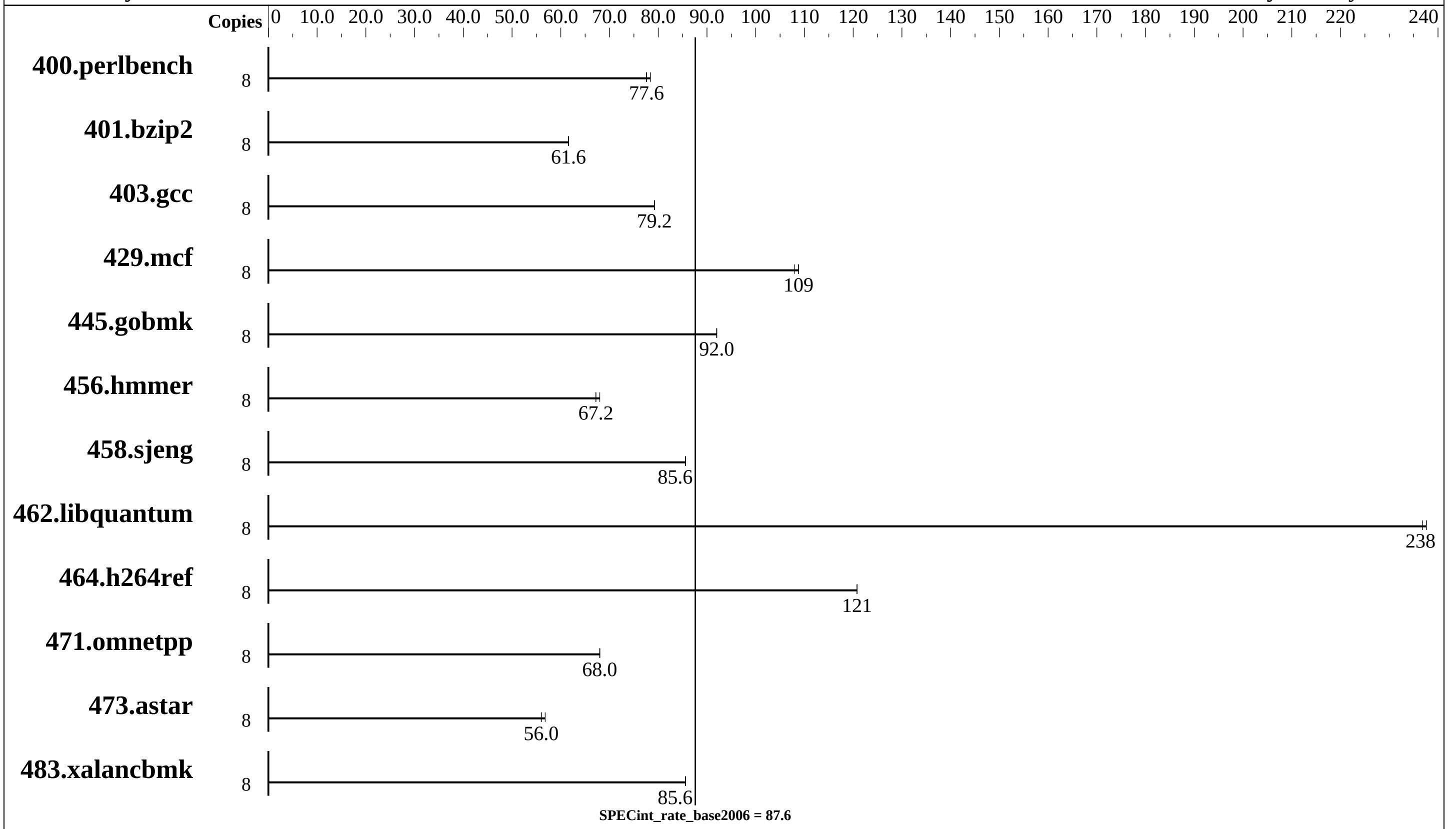
Dell Inc.

PowerEdge R610 (Intel Xeon E5520, 2.26 GHz)

SPECint®_rate2006 = Not Run

SPECint_rate_base2006 = 87.6

CPU2006 license: 55		**Test date:**	Sep-2009
Test sponsor:	Dell Inc.	**Hardware Availability:**	Mar-2009
Tested by:	Dell Inc.	**Software Availability:**	May-2009



Hardware

CPU Name:	Intel Xeon E5520
CPU Characteristics:	Intel Turbo Boost Technology up to 2.53 GHz
CPU MHz:	2267
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip, 2 threads/core
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:	8 MB I+D on chip per chip
Other Cache:	None
Memory:	8 GB (2 x 4 GB DDR3-1066 DR RDIMM)
Disk Subsystem:	2 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_cproc_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

Results Table

	Base							Peak						
Benchmark	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
400.perlbench	8	1001	78.4	**1004**	**77.6**	1006	77.6							
401.bzip2	8	1254	61.6	1252	61.6	**1253**	**61.6**							
403.gcc	8	814	79.2	**814**	**79.2**	810	79.2							
429.mcf	8	676	108	670	109	**670**	**109**							
445.gobmk	8	914	92.0	911	92.0	**913**	**92.0**							
456.hmmer	8	1106	67.2	1104	68.0	**1105**	**67.2**							
458.sjeng	8	**1134**	**85.6**	1131	85.6	1134	85.6							
462.libquantum	8	700	237	**699**	**238**	699	238							
464.h264ref	8	1464	121	1463	121	**1463**	**121**							
471.omnetpp	8	**735**	**68.0**	733	68.0	735	68.0							
473.astar	8	996	56.8	**997**	**56.0**	997	56.0							
483.xalancbmk	8	**644**	**85.6**	644	85.6	643	85.6							

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

Tested with SPEC CPU2006 v1.1.
Report generated on Wed Jul 23 03:00:10 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 29 September 2009.