SPEC® CINT2006 Result

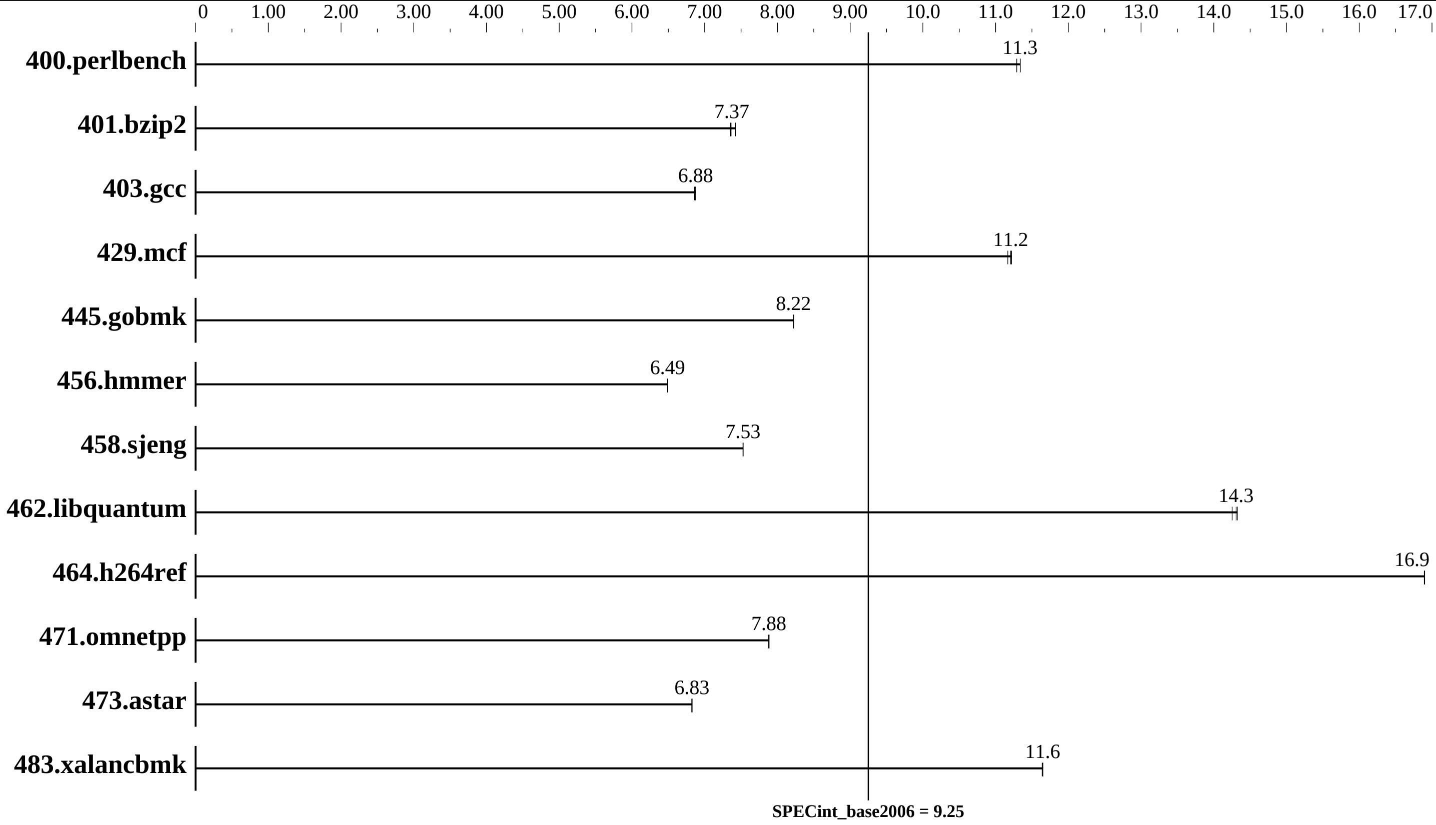
Dell Inc.
PowerEdge 840

SPECint®2006 = Not Run

SPECint_base2006 = 9.25

CPU2006 license: 55
Test sponsor: Dell Inc.
Tested by: Dell Inc.

Test date: Jan-2007
Hardware Availability: Jan-2007
Software Availability: Nov-2006



Hardware

CPU Name:	Intel Pentium D 925
CPU Characteristics:	800MHz system bus
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Primary Cache:	12 K micro-ops I + 16 KB D on chip per core
Secondary Cache:	2 MB I+D on chip per core
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (4x512 MB 667MHz ECC DDR2 SDRAM)
Disk Subsystem:	1 x 73GB
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Standard Edition (32-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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	865	11.3	862	11.3	**862**	**11.3**						
401.bzip2	1300	7.42	**1309**	**7.37**	1312	7.36						
403.gcc	1174	6.86	**1171**	**6.88**	1170	6.88						
429.mcf	817	11.2	**814**	**11.2**	813	11.2						
445.gobmk	1276	8.22	**1276**	**8.22**	1276	8.22						
456.hmmer	**1437**	**6.49**	1437	6.49	1438	6.49						
458.sjeng	1608	7.53	**1607**	**7.53**	1607	7.53						
462.libquantum	1454	14.3	**1448**	**14.3**	1447	14.3						
464.h264ref	1310	16.9	**1310**	**16.9**	1310	16.9						
471.omnetpp	794	7.88	793	7.89	**793**	**7.88**						
473.astar	1028	6.83	**1028**	**6.83**	1029	6.82						
483.xalancbmk	593	11.6	**592**	**11.6**	592	11.7						

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

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`

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.20090715.00.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.20090715.00.xml

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
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