SPEC® CFP2006 Result

Dell Inc.
PowerEdge 840

SPECfp®2006 = Not Run

SPECfp_base2006 = 9.83

CPU2006 license: 55

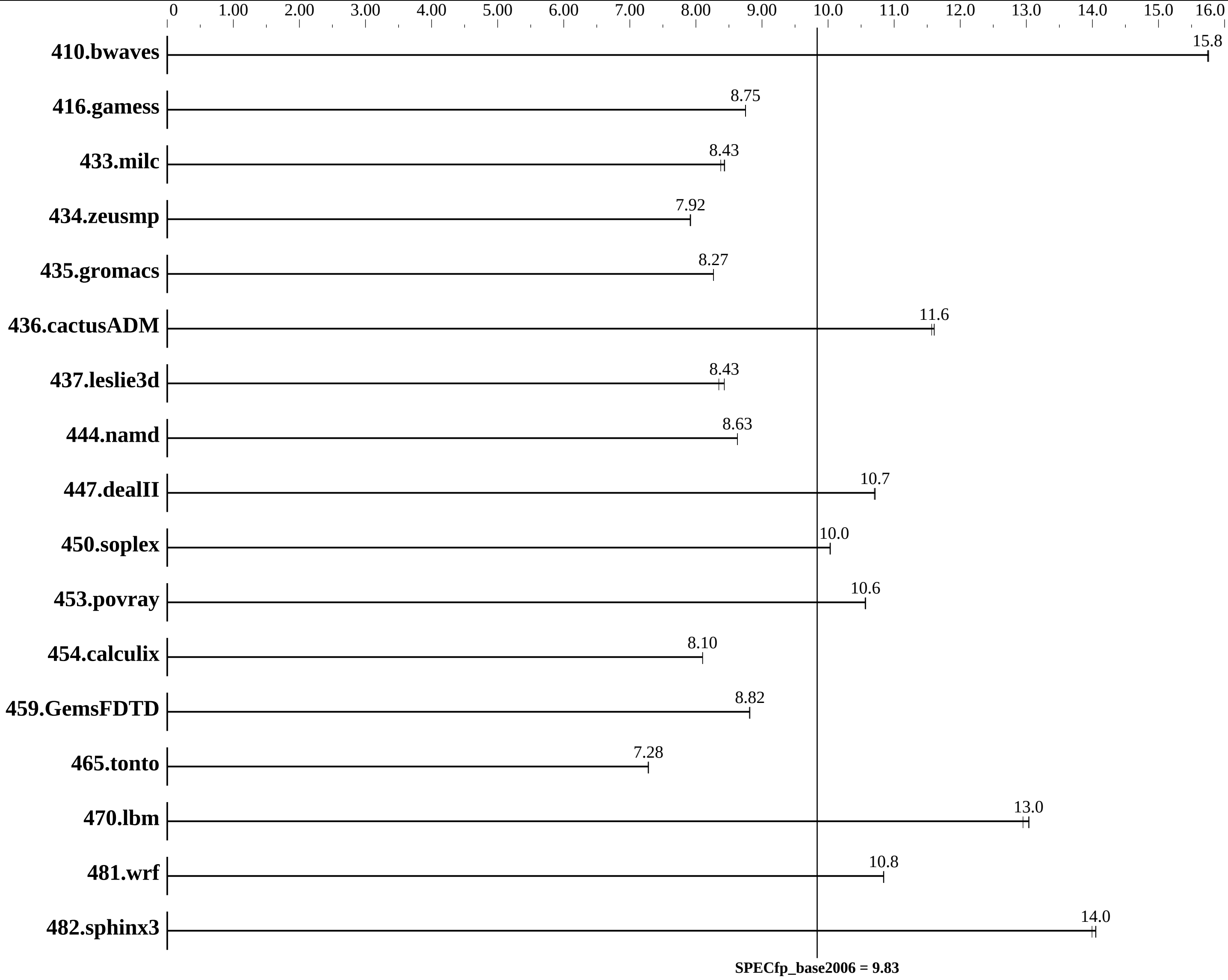
Test sponsor: Dell Inc.

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

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Software

Operating System:	Windows Server 2003 Standard Edition (32-bit)
Compiler:	Intel C++ Compiler 9.1 for IA32 (20061103Z) Intel FORTRAN 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

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L3 Cache: None
Other Cache: None
Memory: 2 GB (4x512 MB 667MHz ECC DDR2 SDRAM)
Disk Subsystem: 1 x 73GB
Other Hardware: None

Other Software: MicroQuill SmartHeap Library 8.0

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	862	15.8	863	15.7	**863**	**15.8**						
416.gamess	2238	8.75	2237	8.75	**2237**	**8.75**						
433.milc	1096	8.38	**1089**	**8.43**	1088	8.44						
434.zeusmp	1150	7.91	**1149**	**7.92**	1149	7.92						
435.gromacs	**864**	**8.27**	864	8.27	864	8.27						
436.cactusADM	1029	11.6	1033	11.6	**1030**	**11.6**						
437.leslie3d	1126	8.35	1115	8.43	**1115**	**8.43**						
444.namd	929	8.63	**929**	**8.63**	929	8.63						
447.dealII	1069	10.7	1068	10.7	**1068**	**10.7**						
450.soplex	832	10.0	831	10.0	**831**	**10.0**						
453.povray	504	10.6	503	10.6	**503**	**10.6**						
454.calculix	1018	8.10	**1018**	**8.10**	1018	8.10						
459.GemsFDTD	1204	8.81	**1203**	**8.82**	1203	8.82						
465.tonto	1351	7.28	1352	7.28	**1351**	**7.28**						
470.lbm	1061	12.9	**1054**	**13.0**	1053	13.0						
481.wrf	1031	10.8	**1030**	**10.8**	1030	10.8						
482.sphinx3	1393	14.0	**1387**	**14.0**	1387	14.1						

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
```

Fortran benchmarks:
```
ifort
```

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Base Compiler Invocation (Continued)

Benchmarks using both Fortran and C:
icl -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
444.namd: -TP
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG -DBOOST_NO_INTRINSIC_WCHAR_T
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:
-fast /F512000000 shlW32M.lib -link /FORCE:MULTIPLE

C++ benchmarks:
-fast -Qcxx_features /F512000000 shlW32M.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-fast /F1000000000 -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-fast /F1000000000 -link /FORCE:MULTIPLE

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.
Report generated on Tue Jul 22 10:53:10 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 8 March 2007.