SPEC® CFP2006 Result

Dell Inc.

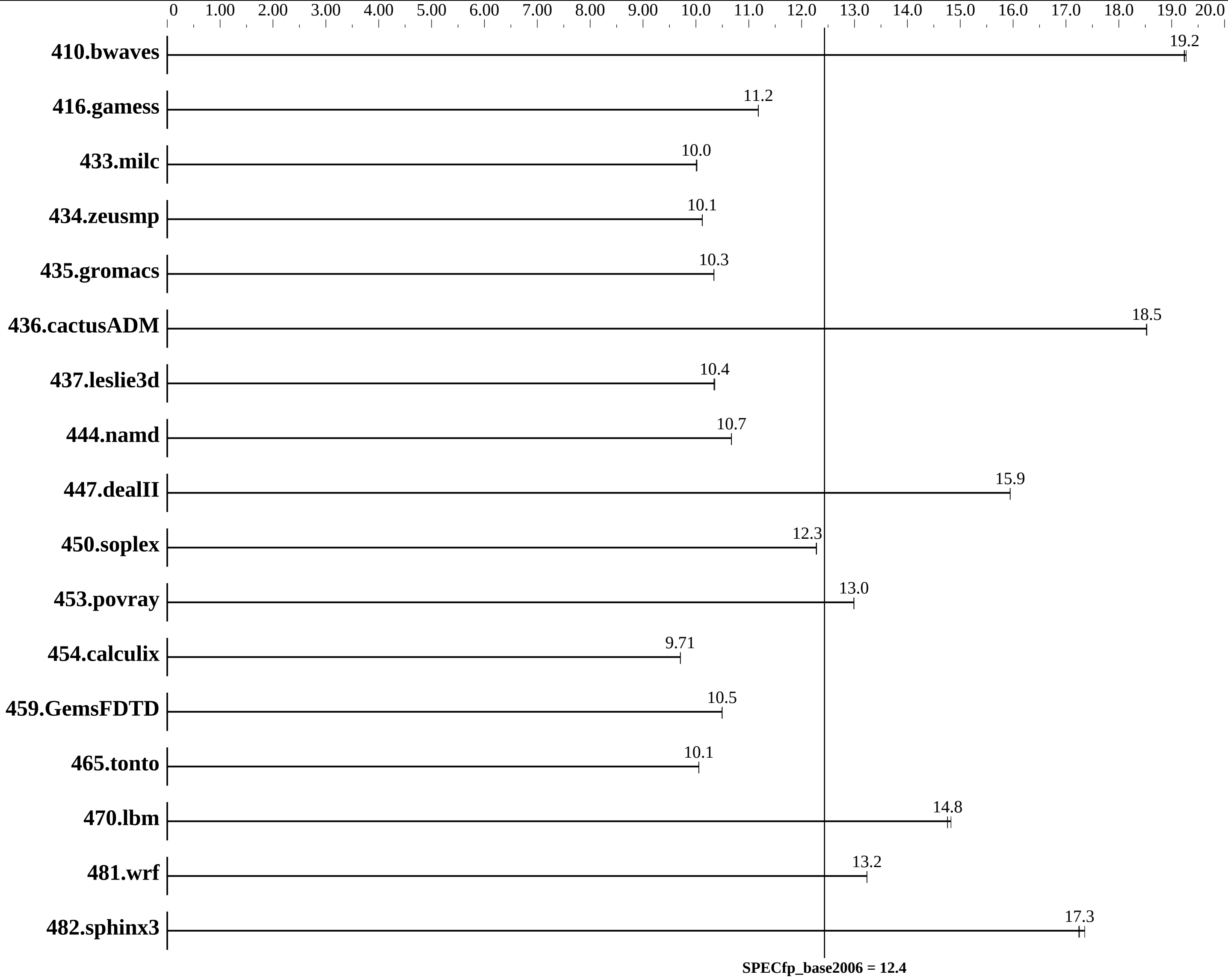
Dell Precision 380 (3.73 GHz, Pentium Exteme Edition 965)

SPECfp®2006 = --

SPECfp_base2006 = 12.4

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

Test date: Apr-2006
Hardware Availability: May-2006
Software Availability: May-2006



Hardware

CPU Name:	Intel Pentium Extreme Edition 965
CPU Characteristics:	
CPU MHz:	3733
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 XP Professional x64 Edition
Compiler:	Intel C++ Compiler 9.1 for IA32 (20060323Z) Intel FORTRAN Compiler 9.1 for IA32 (20060323Z) Microsoft Visual Studio .NET 2003 MicroQuill SmartHeap Library 7.4
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit

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L3 Cache:	None
Other Cache:	None
Memory:	4 GB (4x1 GB 667MHz ECC CL5 DDR2 SDRAM)
Disk Subsystem:	1 x 80GB SATA 7200 RPM
Other Hardware:	None

Peak Pointers:	Not Applicable
Other Software:	None

Results Table

	Base						Peak					
Benchmark	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
410.bwaves	707	19.2	**706**	**19.2**	705	19.3						
416.gamess	1751	11.2	1752	11.2	**1751**	**11.2**						
433.milc	916	10.0	917	10.0	**917**	**10.0**						
434.zeusmp	**899**	**10.1**	899	10.1	899	10.1						
435.gromacs	690	10.3	**690**	**10.3**	690	10.3						
436.cactusADM	**645**	**18.5**	645	18.5	645	18.5						
437.leslie3d	908	10.4	909	10.3	**908**	**10.4**						
444.namd	**752**	**10.7**	752	10.7	751	10.7						
447.dealII	**718**	**15.9**	718	15.9	718	15.9						
450.soplex	**679**	**12.3**	679	12.3	679	12.3						
453.povray	410	13.0	410	13.0	**410**	**13.0**						
454.calculix	**850**	**9.71**	850	9.71	850	9.70						
459.GemsFDTD	**1011**	**10.5**	1011	10.5	1011	10.5						
465.tonto	**979**	**10.1**	979	10.1	979	10.1						
470.lbm	927	14.8	**931**	**14.8**	931	14.8						
481.wrf	844	13.2	**844**	**13.2**	844	13.2						
482.sphinx3	**1130**	**17.3**	1123	17.4	1130	17.2						

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

Base Compiler Invocation

C benchmarks:
```
icl -Qvc7.1 -Qc99
```

C++ benchmarks:
```
icl -Qvc7.1
```

Fortran benchmarks:
```
ifort
```

Benchmarks using both Fortran and C:
```
icl -Qvc7.1 -Qc99 ifort
```

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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 /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

C++ benchmarks:
-fast -Qcxx_features /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-fast /F950000000 -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-fast /F950000000 -link /FORCE:MULTIPLE

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.00.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-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 v90.
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