



SPEC® CFP2006 Result

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Dell Inc.

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

SPECfp®_rate2006 = --

SPECfp_rate_base2006 = 21.7

CPU2006 license: 55

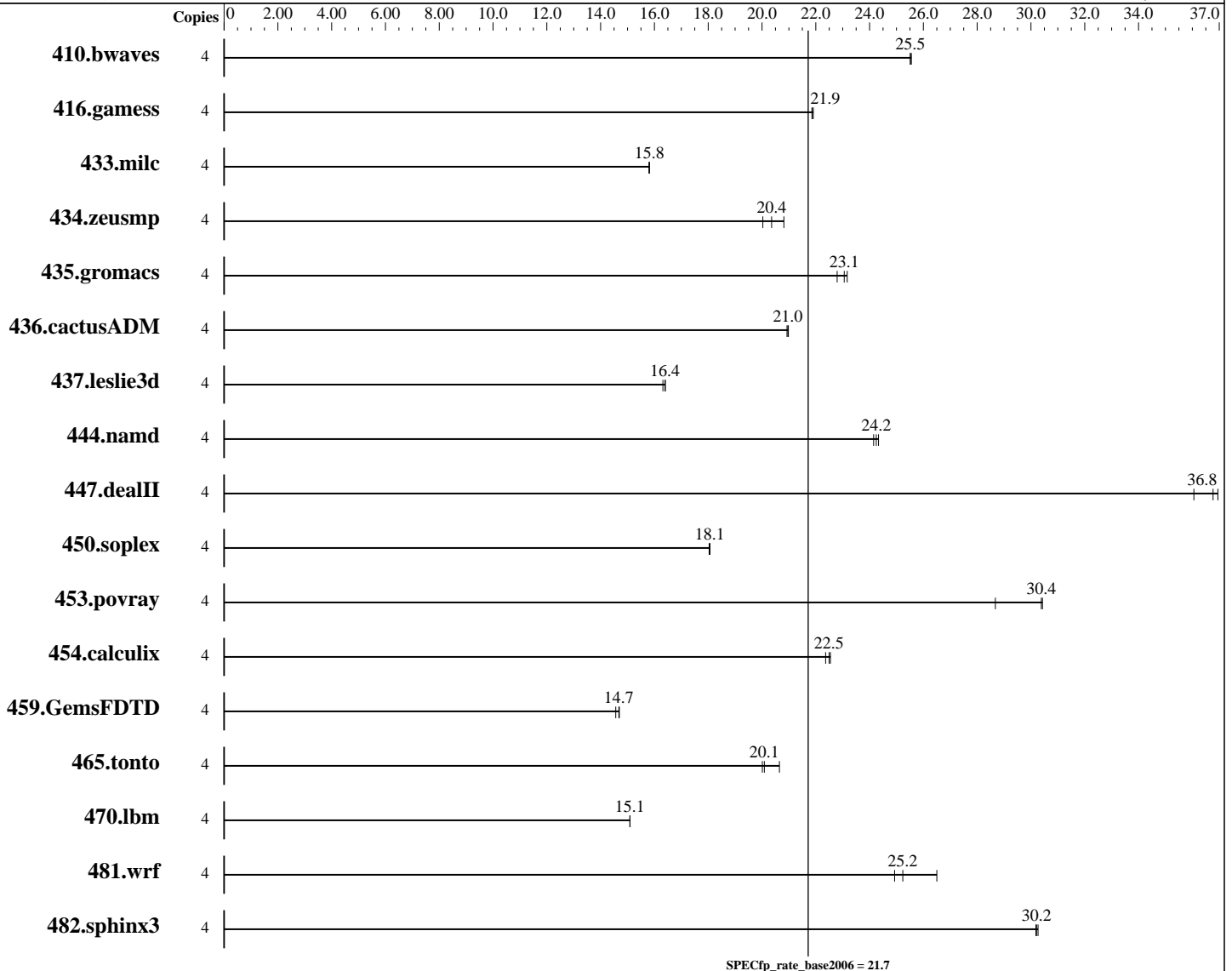
Test sponsor: Dell Inc.

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: 3733
 CPU MHz: Integrated
 FPU: 2 cores, 1 chip, 2 cores/chip, 2 threads/core
 CPU(s) enabled: 1 chip
 CPU(s) orderable: 12 K micro-ops I + 16 KB D on chip per core
 Primary Cache: 2 MB I+D on chip per core
 Secondary Cache:

Continued on next page

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

Benchmark	Base								Peak							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio		
410.bwaves	4	2127	25.6	2131	25.5	2130	25.5									
416.gamess	4	3575	21.9	3582	21.9	3583	21.9									
433.milc	4	2324	15.8	2322	15.8	2322	15.8									
434.zeusmp	4	1749	20.8	1788	20.4	1817	20.0									
435.gromacs	4	1253	22.8	1239	23.1	1233	23.2									
436.cactusADM	4	2278	21.0	2280	21.0	2284	20.9									
437.leslie3d	4	2293	16.4	2305	16.3	2292	16.4									
444.namd	4	1318	24.3	1323	24.2	1328	24.2									
447.dealII	4	1269	36.1	1244	36.8	1238	36.9									
450.soplex	4	1847	18.1	1850	18.0	1847	18.1									
453.povray	4	699	30.4	742	28.7	700	30.4									
454.calculix	4	1467	22.5	1475	22.4	1464	22.5									
459.GemsFDTD	4	2888	14.7	2891	14.7	2914	14.6									
465.tonto	4	1906	20.6	1967	20.0	1959	20.1									
470.lbm	4	3642	15.1	3642	15.1	3642	15.1									
481.wrf	4	1792	24.9	1771	25.2	1686	26.5									
482.sphinx3	4	2583	30.2	2581	30.2	2576	30.3									

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.deallI: -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>

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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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