



SPEC® CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECfp®_rate2006 = Not Run

IBM System x3550 (Intel Xeon E5335)

SPECfp_rate_base2006 = 48.8

CPU2006 license: 11

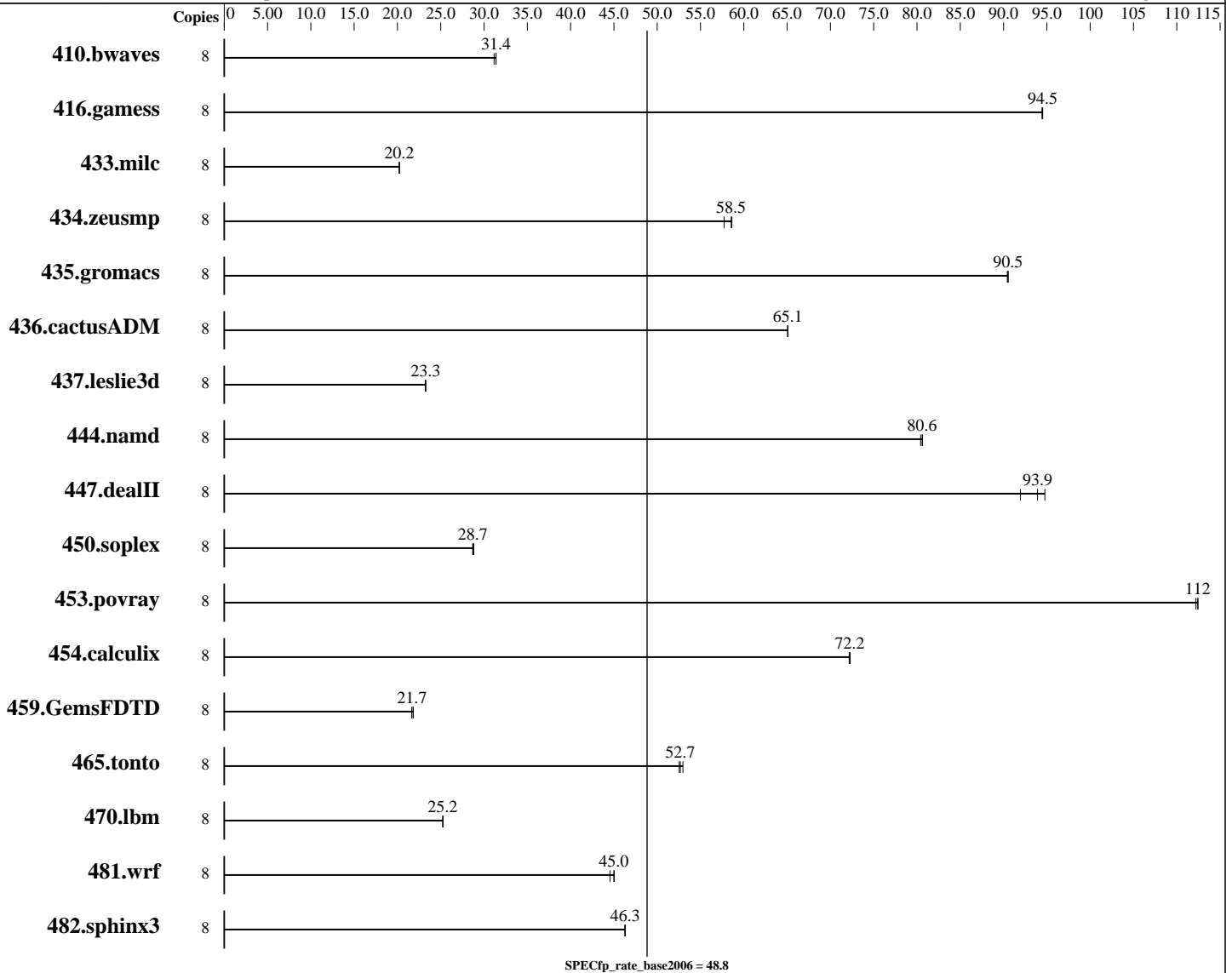
Test sponsor: IBM Corporation

Tested by: IBM Corporation

Test date: Jan-2007

Hardware Availability: Feb-2007

Software Availability: Aug-2006



Hardware

CPU Name: Intel Xeon E5335
 CPU Characteristics: 1066MHz system bus
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 8 MB I+D on chip per chip, 4 MB shared / 2 cores

Continued on next page

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
 Compiler: Intel C++ Compiler for IA32 version 9.1 Build no 20060816
 Intel Fortran Compiler for IA32 version 9.1 Build no 20060816
 Microsoft Visual Studio .Net 2003 (for libraries)
 Auto Parallel: No
 File System: NTFS

Continued on next page



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECfp_rate2006 = Not Run

IBM System x3550 (Intel Xeon E5335)

SPECfp_rate_base2006 = 48.8

CPU2006 license: 11

Test date: Jan-2007

Test sponsor: IBM Corporation

Hardware Availability: Feb-2007

Tested by: IBM Corporation

Software Availability: Aug-2006

L3 Cache: None
Other Cache: None
Memory: 8 GB (8 x 1GB DDR2-5300F ECC)
Disk Subsystem: 1 x 73 GB SAS, 10000 RPM
Other Hardware: None

System State: Default
Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: Smart Heap Library, Version 8

Results Table

Benchmark	Base								Peak							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio		
410.bwaves	8	3489	31.2	3464	31.4	3464	31.4									
416.gamess	8	1659	94.4	1657	94.5	1657	94.5									
433.milc	8	3631	20.2	3632	20.2	3633	20.2									
434.zeusmp	8	1261	57.7	1243	58.5	1242	58.6									
435.gromacs	8	631	90.5	631	90.5	632	90.4									
436.cactusADM	8	1469	65.1	1469	65.1	1469	65.1									
437.leslie3d	8	3233	23.3	3234	23.3	3234	23.3									
444.namd	8	796	80.6	796	80.6	798	80.4									
447.dealII	8	966	94.8	995	91.9	974	93.9									
450.soplex	8	2325	28.7	2315	28.8	2324	28.7									
453.povray	8	379	112	379	112	379	112									
454.calculix	8	913	72.3	915	72.2	914	72.2									
459.GemsFDTD	8	3920	21.7	3885	21.8	3914	21.7									
465.tonto	8	1495	52.7	1486	53.0	1498	52.5									
470.lbm	8	4353	25.3	4354	25.2	4354	25.2									
481.wrf	8	1986	45.0	1984	45.0	2006	44.6									
482.sphinx3	8	3366	46.3	3368	46.3	3371	46.3									

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
```



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

SPECfp_rate2006 = Not Run

IBM System x3550 (Intel Xeon E5335)

SPECfp_rate_base2006 = 48.8

CPU2006 license: 11

Test sponsor: IBM Corporation

Tested by: IBM Corporation

Test date: Jan-2007

Hardware Availability: Feb-2007

Software Availability: Aug-2006

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.20090714.html>

You can also download the XML flags source by saving the following link:
<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090714.xml>

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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 10:14:24 2014 by SPEC CPU2006 PS/PDF formatter v6932.
 Originally published on 8 February 2007.