SPEC® CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Apple Computer, Inc.

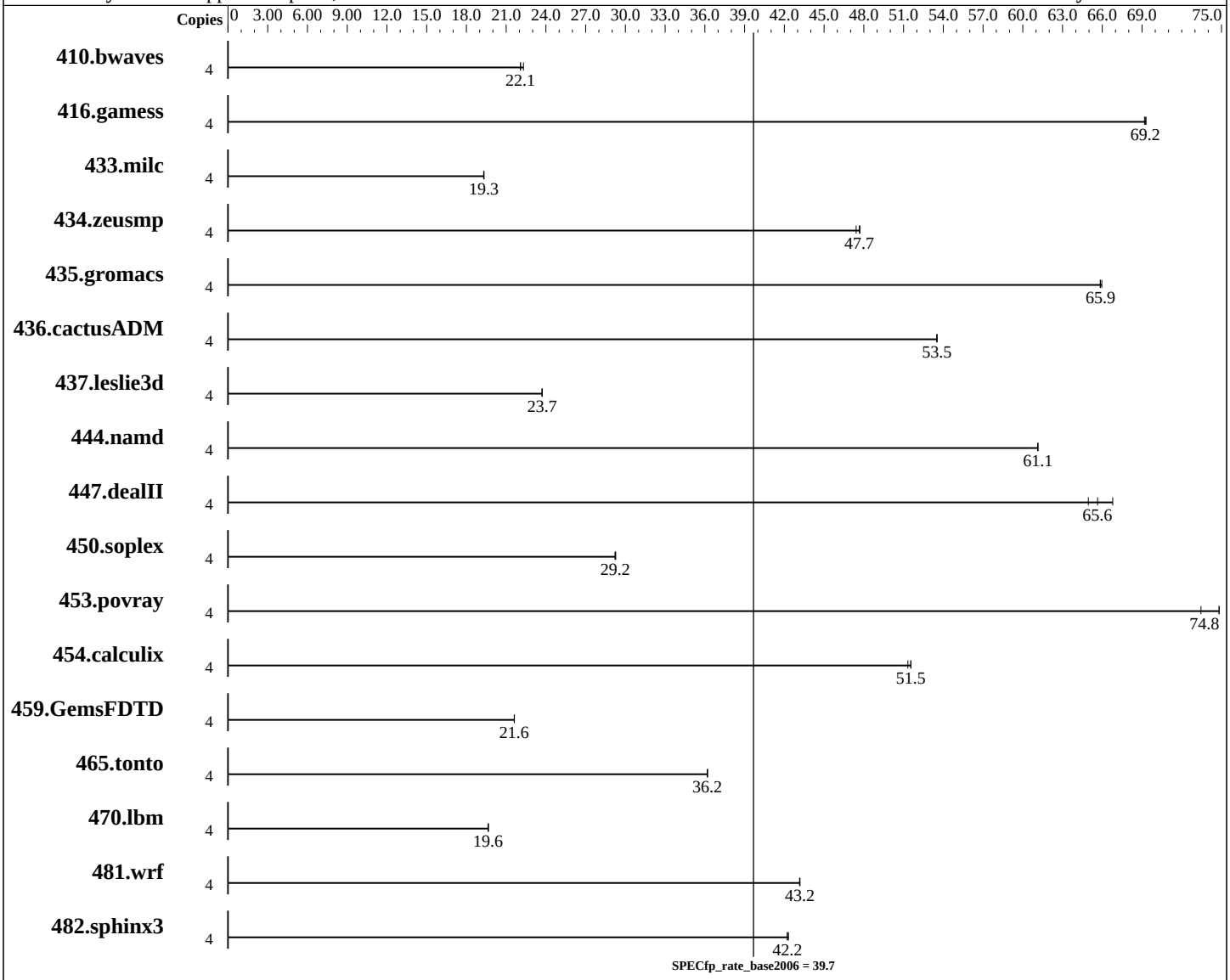
Xserve (3000 MHz Intel Dual-Core Xeon, 1333 MHz FSB)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 39.7

CPU2006 license: 77
Test sponsor: Apple Computer, Inc.
Tested by: Apple Computer, Inc.

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



Hardware

CPU Name:	Intel Xeon 5160
CPU Characteristics:	1333 MHz FSB
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	2 cpus
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip

Continued on next page

Software

Operating System:	Mac OS X Server 10.4.8, Build 8N1200
Compiler:	Intel C++ Compiler for Mac OS X v9.1 Intel Fortran Compiler for Mac OS X v9.1 Build 20060928 (032)
Auto Parallel:	No
File System:	Journaled HFS+
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	Not Applicable

Continued on next page

SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Apple Computer, Inc.

Xserve (3000 MHz Intel Dual-Core Xeon, 1333 MHz FSB)

SPECfp_rate2006 = Not Run

SPECfp_rate_base2006 = 39.7

CPU2006 license: 77
Test sponsor: Apple Computer, Inc.
Tested by: Apple Computer, Inc.

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

L3 Cache: None
Other Cache: None
Memory: 4 GB (4x1GB, DDR2 FB-DIMM 667 MHz)
Disk Subsystem: 80GB SATA
Other Hardware: None

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	2437	22.3	**2461**	**22.1**	2462	22.1							
416.gamess	4	1130	69.3	**1131**	**69.2**	1132	69.2							
433.milc	4	1903	19.3	**1900**	**19.3**	1900	19.3							
434.zeusmp	4	768	47.4	763	47.7	**764**	**47.7**							
435.gromacs	4	433	66.0	**434**	**65.9**	434	65.8							
436.cactusADM	4	893	53.5	**893**	**53.5**	893	53.5							
437.leslie3d	4	1586	23.7	**1585**	**23.7**	1585	23.7							
444.namd	4	525	61.1	525	61.1	**525**	**61.1**							
447.dealII	4	685	66.8	**697**	**65.6**	705	64.9							
450.soplex	4	1141	29.2	**1141**	**29.2**	1140	29.3							
453.povray	4	**284**	**74.8**	290	73.5	284	74.8							
454.calculix	4	**640**	**51.5**	643	51.3	640	51.5							
459.GemsFDTD	4	**1964**	**21.6**	1963	21.6	1964	21.6							
465.tonto	4	**1088**	**36.2**	1088	36.2	1087	36.2							
470.lbm	4	**2797**	**19.6**	2797	19.6	2797	19.7							
481.wrf	4	**1035**	**43.2**	1035	43.2	1036	43.1							
482.sphinx3	4	**1846**	**42.2**	1847	42.2	1842	42.3							

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

General Notes

```
Boot ROM Version: XS11.0076.B00
SMC Version: 1.11f4

Memory Details:
  BRANCH 0 CHANNEL 0/DIMM 1: 1 GB DDR2 FB-DIMM 667 MHz
  BRANCH 0 CHANNEL 1/DIMM 2: 1 GB DDR2 FB-DIMM 667 MHz
  BRANCH 1 CHANNEL 0/DIMM 3: 1 GB DDR2 FB-DIMM 667 MHz
  BRANCH 1 CHANNEL 1/DIMM 4: 1 GB DDR2 FB-DIMM 667 MHz
```

Base Compiler Invocation

C benchmarks:
icc

C++ benchmarks:
icpc

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icc ifort

Base Portability Flags

435.gromacs: -nofor_main
436.cactusADM: -nofor_main
454.calculix: -nofor_main
481.wrf: -DSPEC_CPU_MACOSX -DSPEC_CPU_MACOSX_INTEL -DSPEC_CPU_CASE_FLAG

Base Optimization Flags

C benchmarks:
-fast

C++ benchmarks:
-fast

Fortran benchmarks:
-fast

Benchmarks using both Fortran and C:
-fast

Base Other Flags

C benchmarks:
-Wl,-stack_addr,0xF0000000 -Wl,-stack_size,0x3F000000

C++ benchmarks:
-Wl,-stack_addr,0xF0000000 -Wl,-stack_size,0x3F000000

Fortran benchmarks:
-Wl,-stack_addr,0xF0000000 -Wl,-stack_size,0x3F000000

Continued on next page

Base Other Flags (Continued)

Benchmarks using both Fortran and C:
`-Wl,-stack_addr,0xF0000000 -Wl,-stack_size,0x3F000000`

The flags file that was used to format this result can be browsed at
`http://www.spec.org/cpu2006/flags/macosx-iccifort-v91-flags.20090715.html`

You can also download the XML flags source by saving the following link:
`http://www.spec.org/cpu2006/flags/macosx-iccifort-v91-flags.20090715.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 10:10:10 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 12 December 2006.