SPEC® CFP2006 Result

Apple Computer, Inc.

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

$SPECfp®2006 =$ **Not Run**

$SPECfp\_base2006 =$ **14.4**

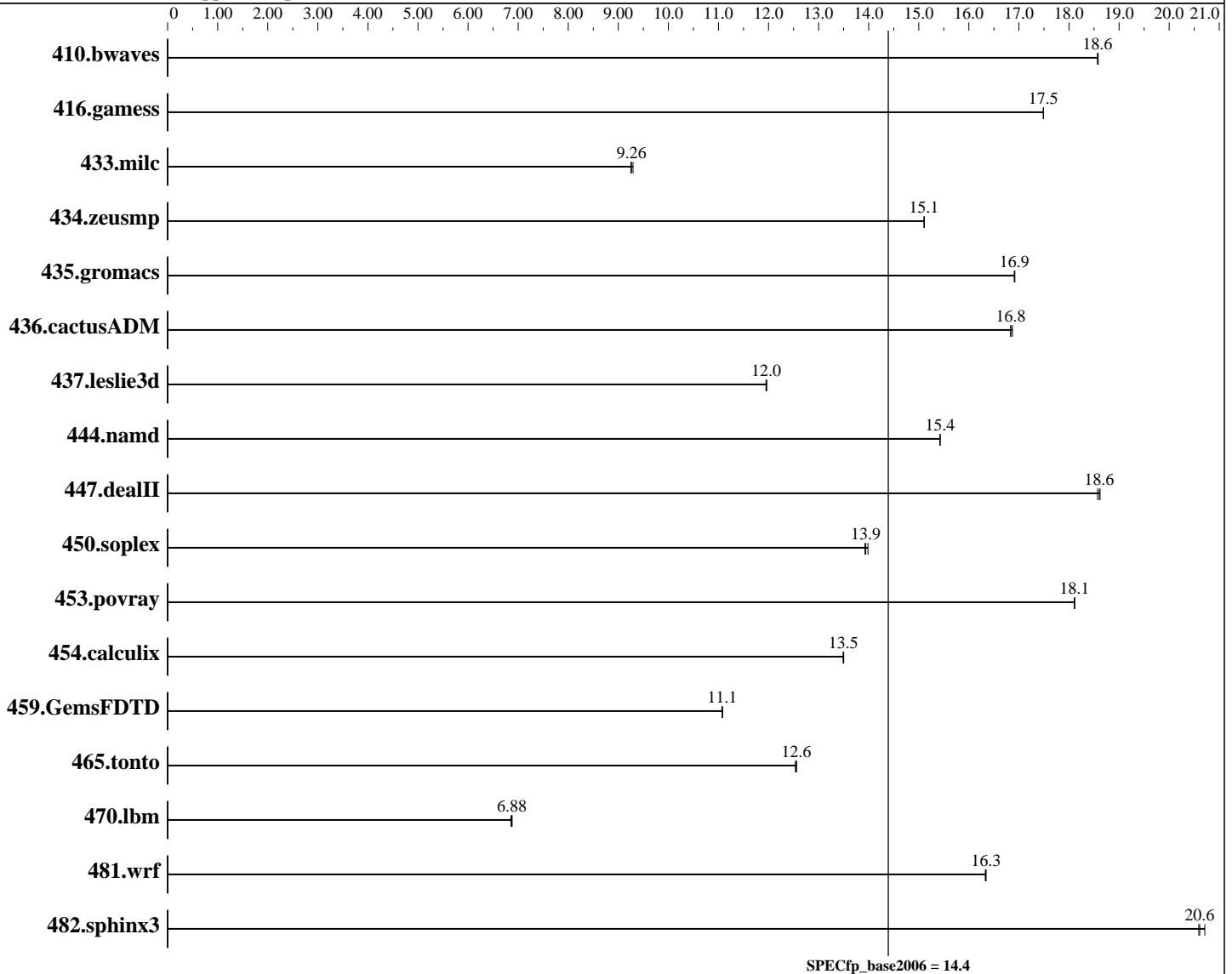|	
CPU2006 license: 77	**Test date:** Nov-2006
Test sponsor: Apple Computer, Inc.	**Hardware Availability:** Nov-2006
Tested by: Apple Computer, Inc.	**Software Availability:** Nov-2006

Results by benchmark (scale 0 to 21.0):

- 410.bwaves — 18.6
- 416.gamess — 17.5
- 433.milc — 9.26
- 434.zeusmp — 15.1
- 435.gromacs — 16.9
- 436.cactusADM — 16.8
- 437.leslie3d — 12.0
- 444.namd — 15.4
- 447.dealII — 18.6
- 450.soplex — 13.9
- 453.povray — 18.1
- 454.calculix — 13.5
- 459.GemsFDTD — 11.1
- 465.tonto — 12.6
- 470.lbm — 6.88
- 481.wrf — 16.3
- 482.sphinx3 — 20.6

SPECfp_base2006 = 14.4

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)

$SPECfp2006 =$ Not Run

$SPECfp\_base2006 =$ 14.4

CPU2006 license: 77	**Test date:** Nov-2006
Test sponsor: Apple Computer, Inc.	**Hardware Availability:** Nov-2006
Tested by: Apple Computer, Inc.	**Software Availability:** Nov-2006

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

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	**732**	**18.6**	732	18.6	731	18.6						
416.gamess	1120	17.5	**1120**	**17.5**	1120	17.5						
433.milc	988	9.29	992	9.25	**991**	**9.26**						
434.zeusmp	602	15.1	602	15.1	**602**	**15.1**						
435.gromacs	**422**	**16.9**	422	16.9	422	16.9						
436.cactusADM	708	16.9	**710**	**16.8**	710	16.8						
437.leslie3d	786	12.0	**786**	**12.0**	787	11.9						
444.namd	520	15.4	520	15.4	**520**	**15.4**						
447.dealII	**615**	**18.6**	616	18.6	614	18.6						
450.soplex	596	14.0	599	13.9	**598**	**13.9**						
453.povray	294	18.1	**294**	**18.1**	294	18.1						
454.calculix	611	13.5	612	13.5	**611**	**13.5**						
459.GemsFDTD	**958**	**11.1**	957	11.1	958	11.1						
465.tonto	**784**	**12.6**	783	12.6	785	12.5						
470.lbm	1998	6.88	2004	6.86	**1998**	**6.88**						
481.wrf	**684**	**16.3**	684	16.3	684	16.3						
482.sphinx3	**946**	**20.6**	941	20.7	947	20.6						

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
```

SPEC CFP2006 Result
Copyright 2006-2014 Standard Performance Evaluation Corporation

Apple Computer, Inc.

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

$SPECfp2006 = $ **Not Run**

$SPECfp_base2006 = $ **14.4**

CPU2006 license: 77		**Test date:**	Nov-2006
Test sponsor:	Apple Computer, Inc.	**Hardware Availability:**	Nov-2006
Tested by:	Apple Computer, Inc.	**Software Availability:**	Nov-2006

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
```

SPEC CFP2006 Result
Copyright 2006-2014 Standard Performance Evaluation Corporation

Apple Computer, Inc.

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

$SPECfp2006 =$ Not Run

$SPECfp\_base2006 =$ 14.4

CPU2006 license: 77		**Test date:**	Nov-2006
Test sponsor:	Apple Computer, Inc.	**Hardware Availability:**	Nov-2006
Tested by:	Apple Computer, Inc.	**Software Availability:**	Nov-2006

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 10:10:13 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 12 December 2006.