Apple Computer, Inc.  

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

**SPECfp\(^{®}\) rate\_base2006 = 39.7**

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**Hardware**

- **CPU Name:** Intel Xeon 5160  
- **CPU Characteristics:** Intel Xeon 5160  
- **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

**Software**

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

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

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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
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SPEC CFP2006 Result

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 39.7

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

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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

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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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