



# SPEC® CINT2006 Result

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## Apple, Inc. 3.0 GHz 8-Core Xserve

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 106

CPU2006 license: 77

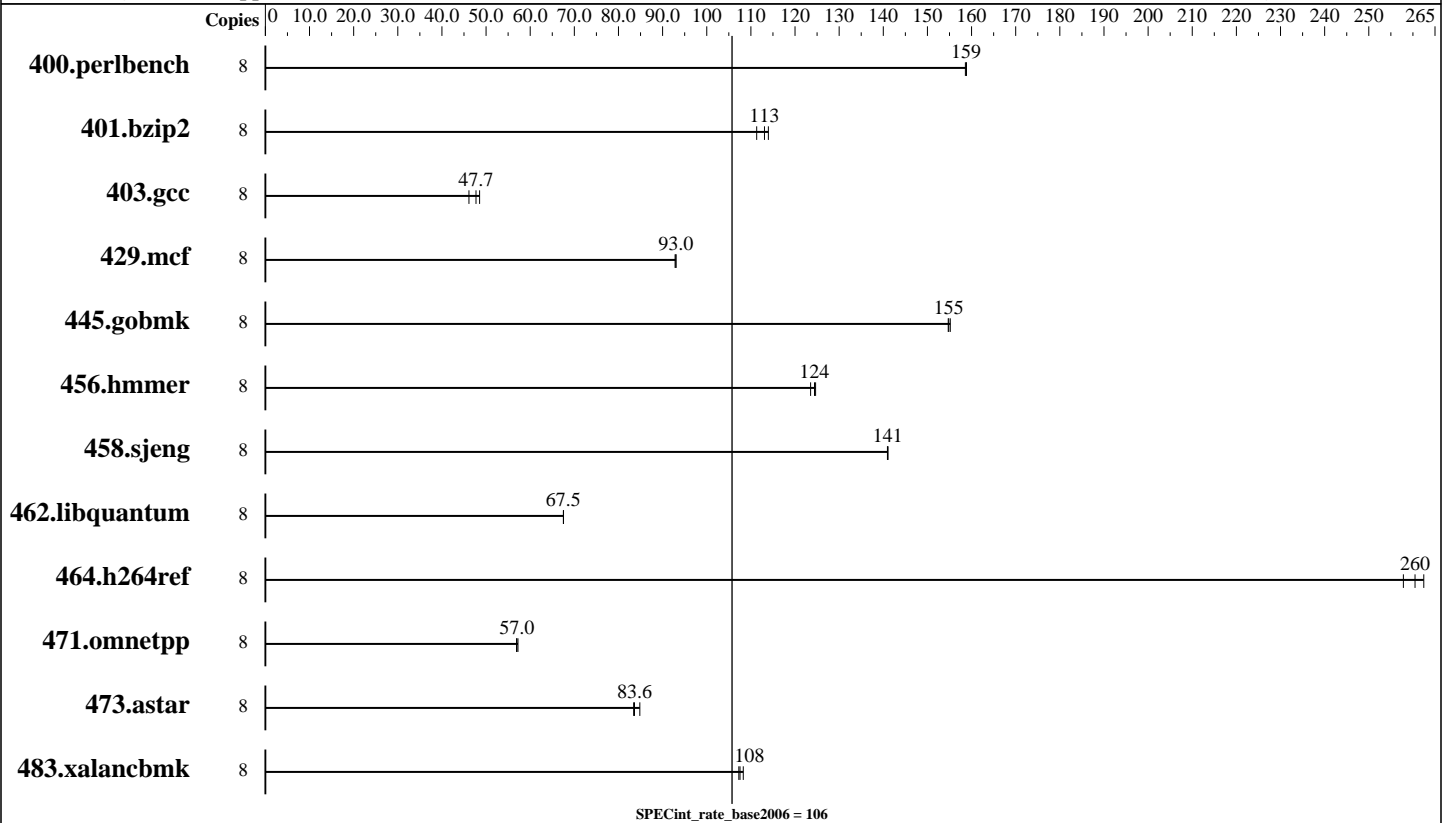
Test sponsor: Apple, Inc.

Tested by: Apple, Inc.

Test date: Apr-2008

Hardware Availability: Jan-2008

Software Availability: Feb-2008



### Hardware

CPU Name: Intel Xeon E5472  
 CPU Characteristics: 3.0 GHz, 12 MB L2, 1600 MHz bus  
 CPU MHz: 3000  
 FPU: Integrated  
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
 CPU(s) orderable: 2 chips  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 12 MB I+D on chip per chip, 6 MB shared / 2 cores  
 L3 Cache: None  
 Other Cache: None  
 Memory: 16 GB (8x2 GB DDR2-800 FBDIMM)  
 Disk Subsystem: 1x80 GB Seagate SATA, 7200PM  
 Other Hardware: None

### Software

Operating System: Mac OS X Server 10.5.2, Build 9C31  
 Compiler: Intel C++ Compiler for Mac OS X  
 Version 10.1 Build 20080212 (012)  
 Auto Parallel: Yes  
 File System: Journaled HFS+  
 System State: Console mode  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: None



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## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	<b>492</b>	<b>159</b>	492	159	493	159							
401.bzip2	8	677	114	694	111	<b>683</b>	<b>113</b>							
403.gcc	8	1396	46.1	1327	48.5	<b>1350</b>	<b>47.7</b>							
429.mcf	8	<b>784</b>	<b>93.0</b>	786	92.8	784	93.0							
445.gobmk	8	542	155	541	155	<b>542</b>	<b>155</b>							
456.hammer	8	<b>600</b>	<b>124</b>	599	125	604	124							
458.sjeng	8	<b>686</b>	<b>141</b>	687	141	686	141							
462.libquantum	8	2454	67.5	<b>2454</b>	<b>67.5</b>	2455	67.5							
464.h264ref	8	687	258	<b>680</b>	<b>260</b>	675	262							
471.omnetpp	8	<b>877</b>	<b>57.0</b>	874	57.2	879	56.9							
473.astar	8	673	83.4	662	84.8	<b>672</b>	<b>83.6</b>							
483.xalancbmk	8	<b>513</b>	<b>108</b>	515	107	510	108							

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

## Operating System Notes

Binaries compiled using Mac OS X 10.4.11, Build 8S2167

## Base Compiler Invocation

C benchmarks:  
icc

C++ benchmarks:  
icpc

## Base Portability Flags

403.gcc: -DSPEC\_CPU\_MACOSX  
462.libquantum: -DSPEC\_CPU\_MACOSX  
483.xalancbmk: -DSPEC\_CPU\_MACOSX

## Base Optimization Flags

C benchmarks:  
-static-intel -fast -lstmalloc

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## Base Optimization Flags (Continued)

C++ benchmarks:  
`-static-intel -fast -lstmalloc`

The flags file that was used to format this result can be browsed at  
<http://www.spec.org/cpu2006/flags/macosx-iccifort-v10.1-flags.html>

You can also download the XML flags source by saving the following link:  
<http://www.spec.org/cpu2006/flags/macosx-iccifort-v10.1-flags.xml>

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For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

Tested with SPEC CPU2006 v1.0.1.  
Report generated on Tue Jul 22 16:40:27 2014 by SPEC CPU2006 PS/PDF formatter v6932.  
Originally published on 22 May 2008.