



# SPEC® CINT2006 Result

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Apple Computer, Inc.

SPECint®2006 = 10.1

iMac 20-inch 2.0GHz Intel Core Duo

SPECint\_base2006 = 10.1

CPU2006 license: 77

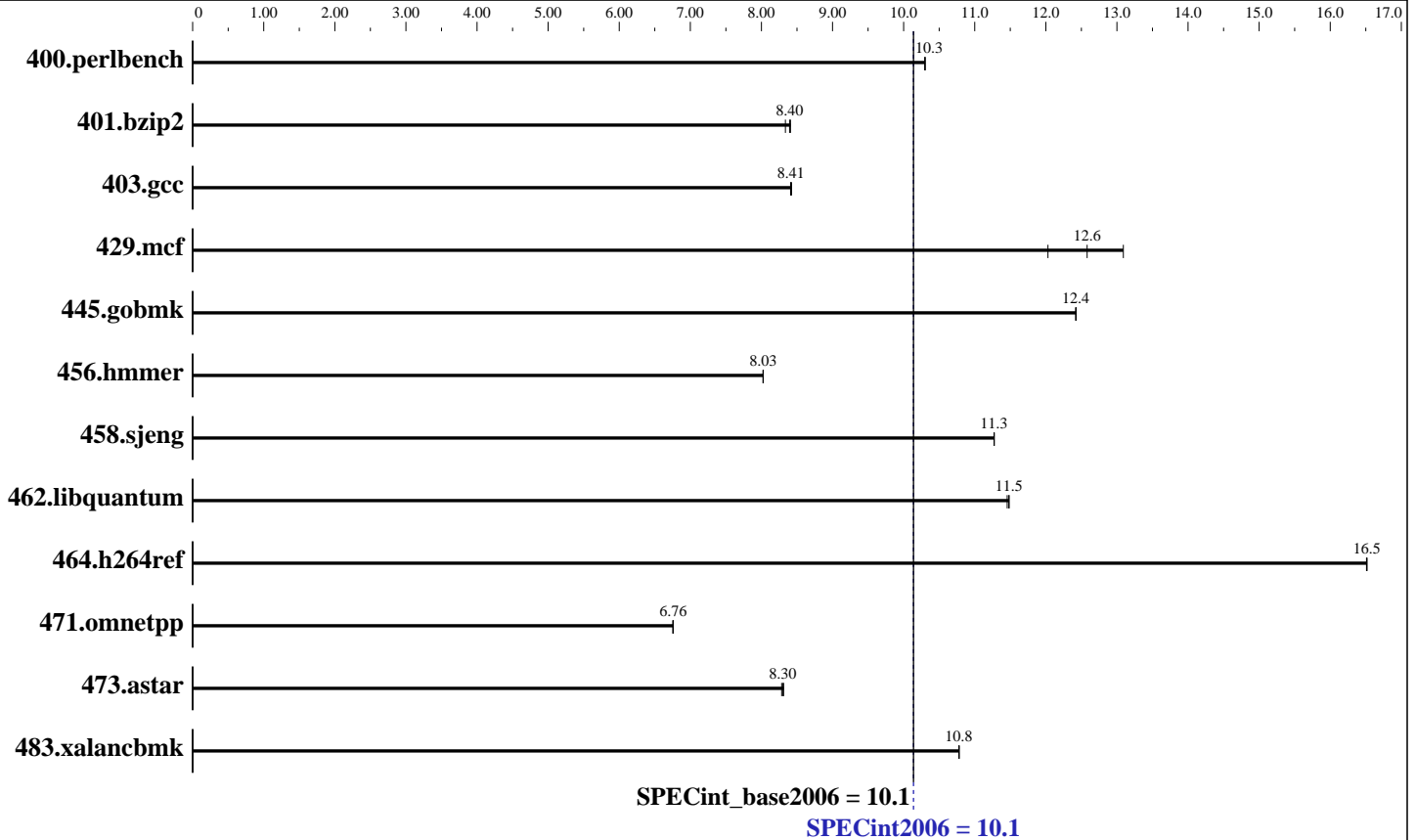
Test date: Apr-2006

Test sponsor: Apple Computer, Inc.

Hardware Availability: Jan-2006

Tested by: Apple Computer, Inc.

Software Availability: Apr-2006



### Hardware

CPU Name: Intel Core Duo T2500  
 CPU Characteristics:  
 CPU MHz: 2000  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 2 MB I+D on chip per chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 1 GB, DDR2 667 MHz, CL5  
 Disk Subsystem: SATA Maxtor 6L250M0, 250 GB  
 Other Hardware: None

### Software

Operating System: Mac OS X, v10.4.6  
 Compiler: Intel C++ Compiler for Mac OS X, v9.1  
 Intel Fortran Compiler for Mac OS X, v9.1  
 (Build 20060323)  
 Auto Parallel: No  
 File System: HFS+  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: None



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## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	949	10.3	948	10.3	<b>948</b>	<b>10.3</b>	949	10.3	948	10.3	<b>948</b>	<b>10.3</b>
401.bzip2	<b>1149</b>	<b>8.40</b>	1148	8.41	1157	8.34	<b>1149</b>	<b>8.40</b>	1148	8.41	1157	8.34
403.gcc	957	8.41	956	8.42	<b>957</b>	<b>8.41</b>	957	8.41	956	8.42	<b>957</b>	<b>8.41</b>
429.mcf	<b>725</b>	<b>12.6</b>	697	13.1	758	12.0	<b>725</b>	<b>12.6</b>	697	13.1	758	12.0
445.gobmk	845	12.4	844	12.4	<b>844</b>	<b>12.4</b>	845	12.4	844	12.4	<b>844</b>	<b>12.4</b>
456.hmmer	1162	8.03	1163	8.02	<b>1163</b>	<b>8.03</b>	1162	8.03	1163	8.02	<b>1163</b>	<b>8.03</b>
458.sjeng	1073	11.3	1073	11.3	<b>1073</b>	<b>11.3</b>	1073	11.3	1073	11.3	<b>1073</b>	<b>11.3</b>
462.libquantum	1809	11.5	<b>1805</b>	<b>11.5</b>	1804	11.5	1809	11.5	<b>1805</b>	<b>11.5</b>	1804	11.5
464.h264ref	<b>1340</b>	<b>16.5</b>	1340	16.5	1340	16.5	<b>1340</b>	<b>16.5</b>	1340	16.5	1340	16.5
471.omnetpp	925	6.76	925	6.75	<b>925</b>	<b>6.76</b>	925	6.76	925	6.75	<b>925</b>	<b>6.76</b>
473.astar	847	8.28	845	8.31	<b>846</b>	<b>8.30</b>	847	8.28	845	8.31	<b>846</b>	<b>8.30</b>
483.xalancbmk	640	10.8	640	10.8	<b>640</b>	<b>10.8</b>	640	10.8	640	10.8	<b>640</b>	<b>10.8</b>

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

## General Notes

Memory Details :

DIMM0/Bank0: 512MB, DDR2 SDRAM, 667 MHz, CL5

DIMM1/Bank1: 512MB, DDR2 SDRAM, 667 MHz, CL5

## Compiler Invocation

C benchmarks:

icc

C++ benchmarks:

icpc

## Portability Flags

403.gcc: -DSPEC\_CPU\_MACOSX

462.libquantum: -DSPEC\_CPU\_MACOSX

473.astar: -DSPEC\_CPU\_LITTLE\_ENDIAN

483.xalancbmk: -DSPEC\_CPU\_MACOSX



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## Base Optimization Flags

C benchmarks:

-fast

C++ benchmarks:

-fast

## Peak Optimization Flags

C benchmarks:

400.perlbench: basepeak = yes

401.bzip2: basepeak = yes

403.gcc: basepeak = yes

429.mcf: basepeak = yes

445.gobmk: basepeak = yes

456.hmmer: basepeak = yes

458.sjeng: basepeak = yes

462.libquantum: basepeak = yes

464.h264ref: basepeak = yes

C++ benchmarks:

471.omnetpp: basepeak = yes

473.astar: basepeak = yes

483.xalancbmk: basepeak = yes

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/macosex-iccifort-v91-flags-file-20070721.xml.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/macosex-iccifort-v91-flags-file-20070721.xml.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 v90.  
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