



# SPEC® CINT2006 Result

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Hewlett-Packard Company

(Test Sponsor: Intel Corporation)

SPECint®\_rate2006 = Not Run

Compaq 6515B (AMD Turion 64 X2 TL-60)

SPECint\_rate\_base2006 = 14.7

CPU2006 license: 13

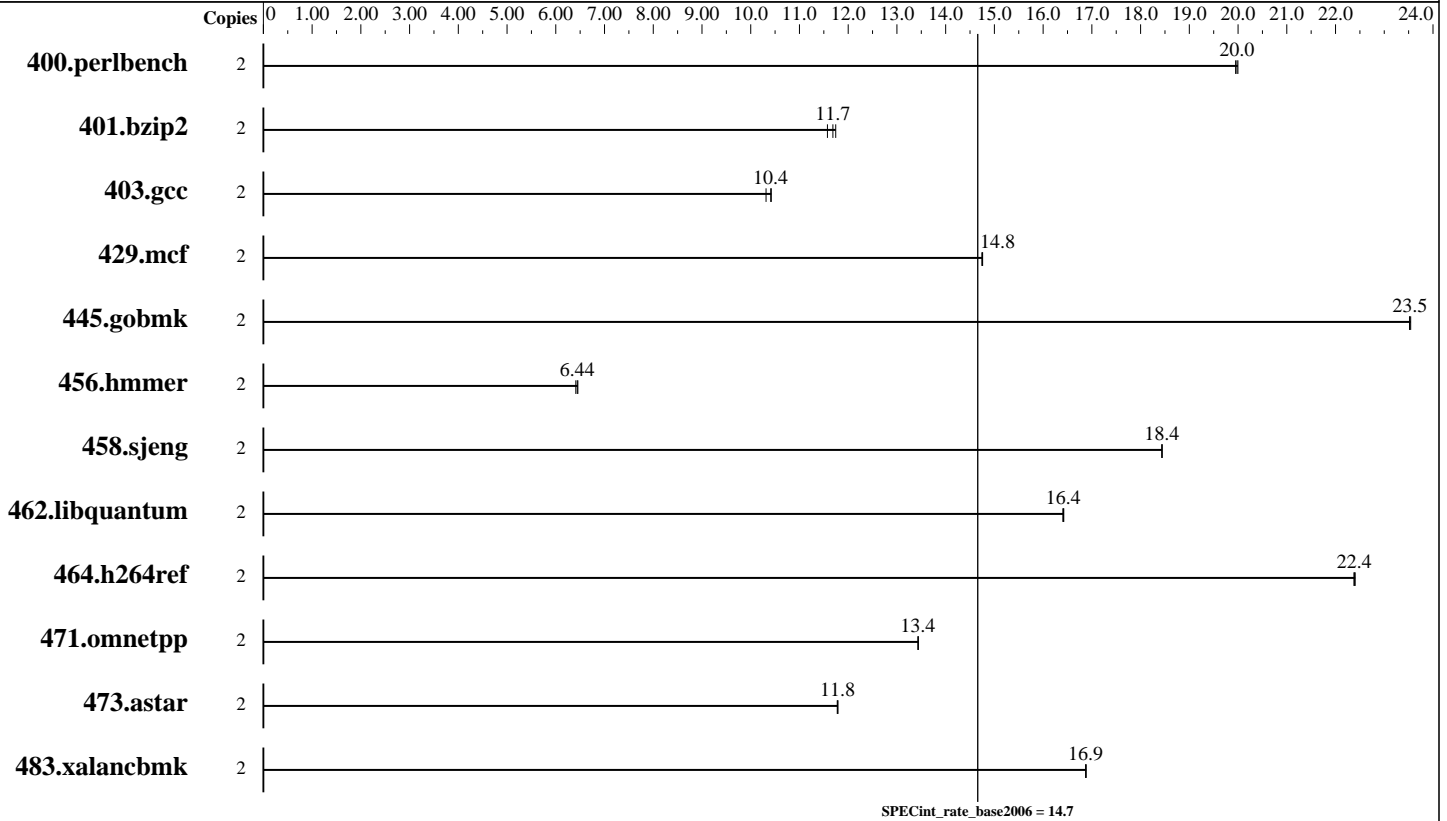
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



## Hardware

CPU Name: AMD Turion 64 X2 TL-60  
 CPU Characteristics: 2.0 GHz 2x512KB L2  
 CPU MHz: 2000  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 Primary Cache: 64 KB I + 64 KB D on chip per core  
 Secondary Cache: 512 KB I+D on chip per core  
 L3 Cache: None  
 Other Cache: None  
 Memory: 2 GB (2x1GB Qimonda HYS64T128021HDL-3S-B DDR2-667 CL5)  
 Disk Subsystem: Hitachi 100GB 5400rpm SATA HDD  
 Other Hardware: None

## Software

Operating System: Windows Vista32 Business  
 Compiler: Intel C++ Compiler for IA32 version 9.1  
 Build no 20060816  
 Microsoft Visual Studio .Net 2003 (for libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>



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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	2	979	19.9	<b>978</b>	<b>20.0</b>	977	20.0							
401.bzip2	2	1668	11.6	<b>1652</b>	<b>11.7</b>	1643	11.7							
403.gcc	2	1545	10.4	1561	10.3	<b>1546</b>	<b>10.4</b>							
429.mcf	2	1237	14.7	1236	14.8	<b>1236</b>	<b>14.8</b>							
445.gobmk	2	892	23.5	<b>892</b>	<b>23.5</b>	891	23.5							
456.hammer	2	2911	6.41	<b>2897</b>	<b>6.44</b>	2892	6.45							
458.sjeng	2	1312	18.4	<b>1312</b>	<b>18.4</b>	1313	18.4							
462.libquantum	2	<b>2524</b>	<b>16.4</b>	2526	16.4	2523	16.4							
464.h264ref	2	1976	22.4	<b>1977</b>	<b>22.4</b>	1978	22.4							
471.omnetpp	2	930	13.4	931	13.4	<b>930</b>	<b>13.4</b>							
473.astar	2	1191	11.8	1192	11.8	<b>1191</b>	<b>11.8</b>							
483.xalancbmk	2	818	16.9	<b>818</b>	<b>16.9</b>	817	16.9							

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

## General Notes

Binaries built on Windows XP Professional w/ SP2  
Vista Power Profile set to High Performance

## Base Compiler Invocation

C benchmarks:  
icl -Qvc7.1 -Qc99  
  
C++ benchmarks:  
icl -Qvc7.1

## Base Portability Flags

403.gcc: -DSPEC\_CPU\_WIN32  
464.h264ref: -DSPEC\_CPU\_NO\_INTTYPES -DWIN32

## Base Optimization Flags

C benchmarks:  
-arch:SSE2 -Qprec-div- -O3 -Qipo /F512000000 shlw32m.lib  
-link /FORCE:MULTIPLE

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## Base Optimization Flags (Continued)

C++ benchmarks:

```
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- -Qcxx_features /F512000000
shlw32m.lib -link /FORCE:MULTIPLE
```

## Base Other Flags

C benchmarks:

```
403.gcc: -Dalloca=_alloca
```

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.html>

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.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).

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