



# SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

**SPECint\_rate2006 = Not Run**

Lenovo ThinkPad T61(Intel Core 2 Duo T7100)

**SPECint\_rate\_base2006 = 18.3**

CPU2006 license: 13

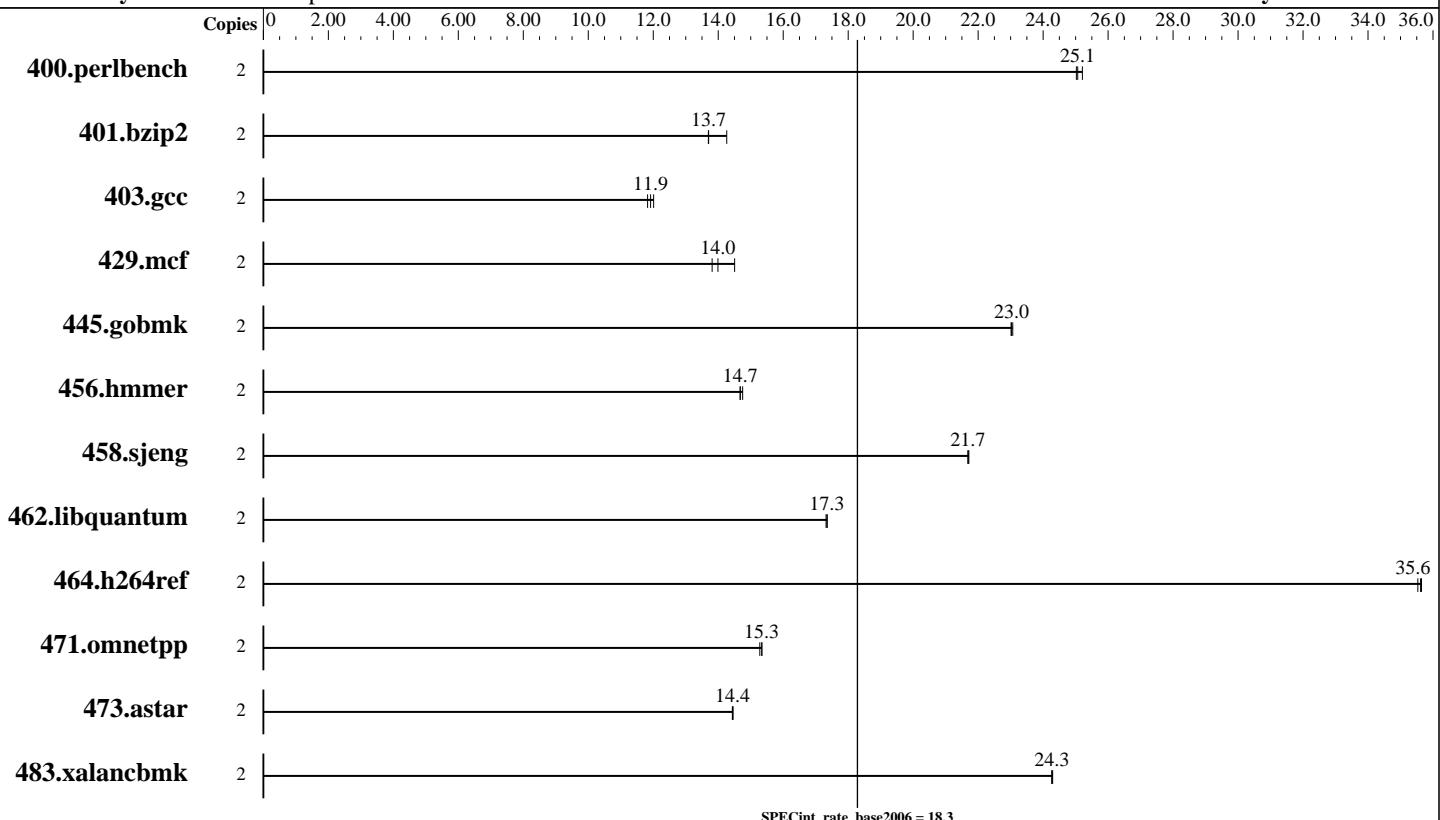
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



## Hardware

CPU Name: Intel Core 2 Duo T7100  
 CPU Characteristics: 1.80 GHz 2MB L2, 800 MHz Bus  
 CPU MHz: 1800  
 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: 2 GB (2x1 GB Qimonda® PC-5300 DDR2-667 5-5-5-12)  
 Disk Subsystem: Hitachi® HTS721010G9 SATA 100GB 7200RPM  
 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 V7.4 from Microquill



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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	<b>780</b>	<b>25.1</b>	775	25.2	781	25.0							
401.bzip2	2	1353	14.3	1409	13.7	<b>1408</b>	<b>13.7</b>							
403.gcc	2	1340	12.0	<b>1351</b>	<b>11.9</b>	1361	11.8							
429.mcf	2	1321	13.8	1258	14.5	<b>1304</b>	<b>14.0</b>							
445.gobmk	2	912	23.0	910	23.1	<b>911</b>	<b>23.0</b>							
456.hmmer	2	1272	14.7	<b>1271</b>	<b>14.7</b>	1265	14.8							
458.sjeng	2	1114	21.7	1116	21.7	<b>1116</b>	<b>21.7</b>							
462.libquantum	2	2388	17.4	2393	17.3	<b>2389</b>	<b>17.3</b>							
464.h264ref	2	1246	35.5	<b>1243</b>	<b>35.6</b>	1242	35.6							
471.omnetpp	2	818	15.3	<b>815</b>	<b>15.3</b>	815	15.3							
473.astar	2	971	14.5	<b>972</b>	<b>14.4</b>	973	14.4							
483.xalancbmk	2	569	24.3	<b>569</b>	<b>24.3</b>	568	24.3							

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:

  -fast /F512000000 shlw32m.lib

  -link /FORCE:MULTIPLE

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## Base Optimization Flags (Continued)

C++ benchmarks:

```
-fast -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.20090714.00.html>

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.00.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.

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