



# SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECint®2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECint\_base2006 = 9.72

CPU2006 license: 13

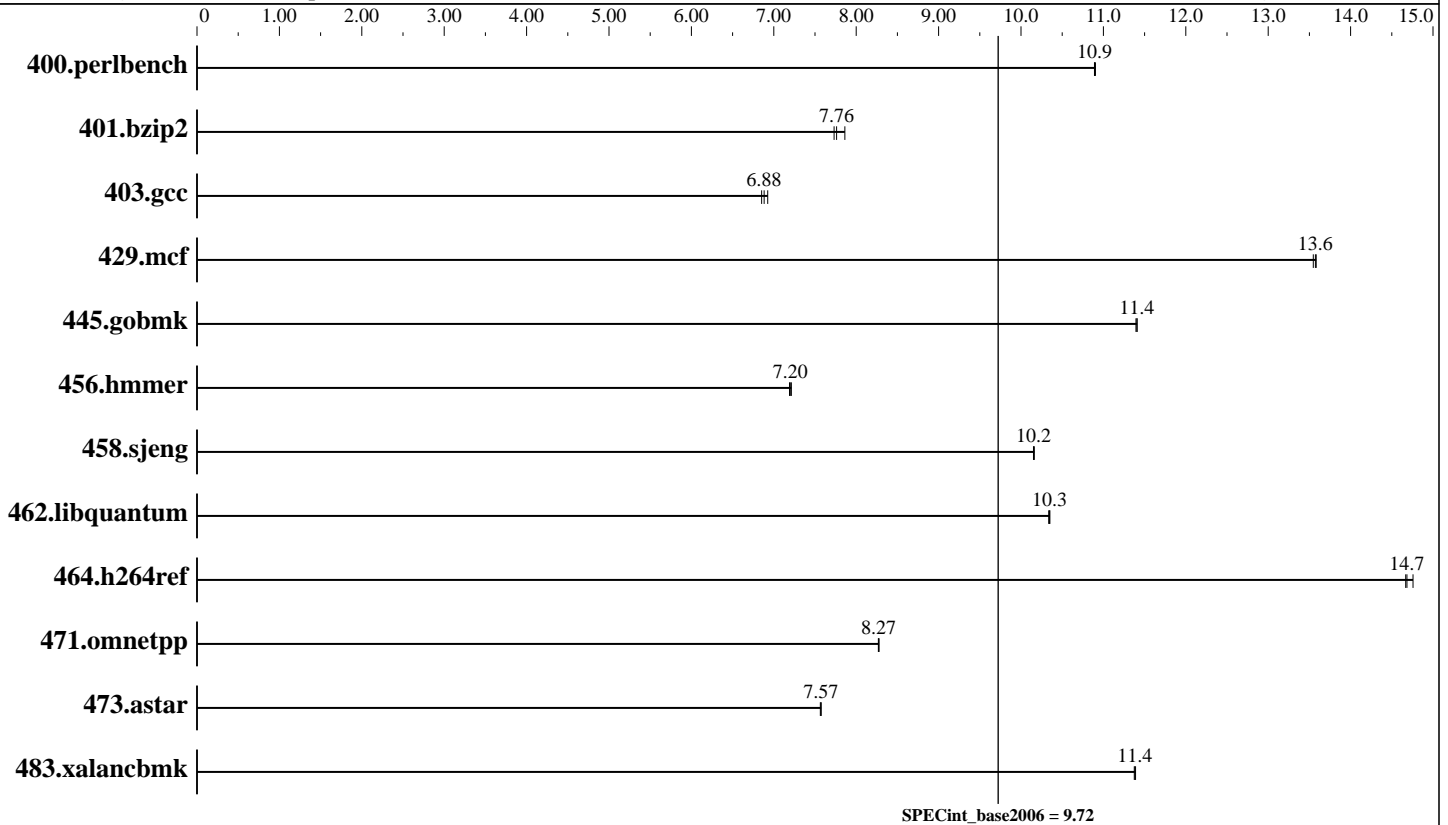
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



## Hardware

CPU Name: Intel Core Duo T2400  
 CPU Characteristics: 1.83 GHz 2MB L2  
 CPU MHz: 1833  
 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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	897	10.9	<b>897</b>	<b>10.9</b>	896	10.9						
401.bzip2	<b>1243</b>	<b>7.76</b>	1227	7.86	1248	7.73						
403.gcc	1162	6.93	1175	6.85	<b>1170</b>	<b>6.88</b>						
429.mcf	673	13.5	<b>672</b>	<b>13.6</b>	671	13.6						
445.gobmk	<b>920</b>	<b>11.4</b>	921	11.4	919	11.4						
456.hammer	1293	7.21	1298	7.19	<b>1296</b>	<b>7.20</b>						
458.sjeng	1191	10.2	1192	10.2	<b>1192</b>	<b>10.2</b>						
462.libquantum	<b>2003</b>	<b>10.3</b>	2005	10.3	2002	10.4						
464.h264ref	1500	14.8	<b>1507</b>	<b>14.7</b>	1509	14.7						
471.omnetpp	<b>756</b>	<b>8.27</b>	755	8.28	756	8.27						
473.astar	927	7.57	<b>927</b>	<b>7.57</b>	928	7.56						
483.xalancbmk	<b>606</b>	<b>11.4</b>	606	11.4	607	11.4						

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).

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