



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 = 19.1

CPU2006 license: 13

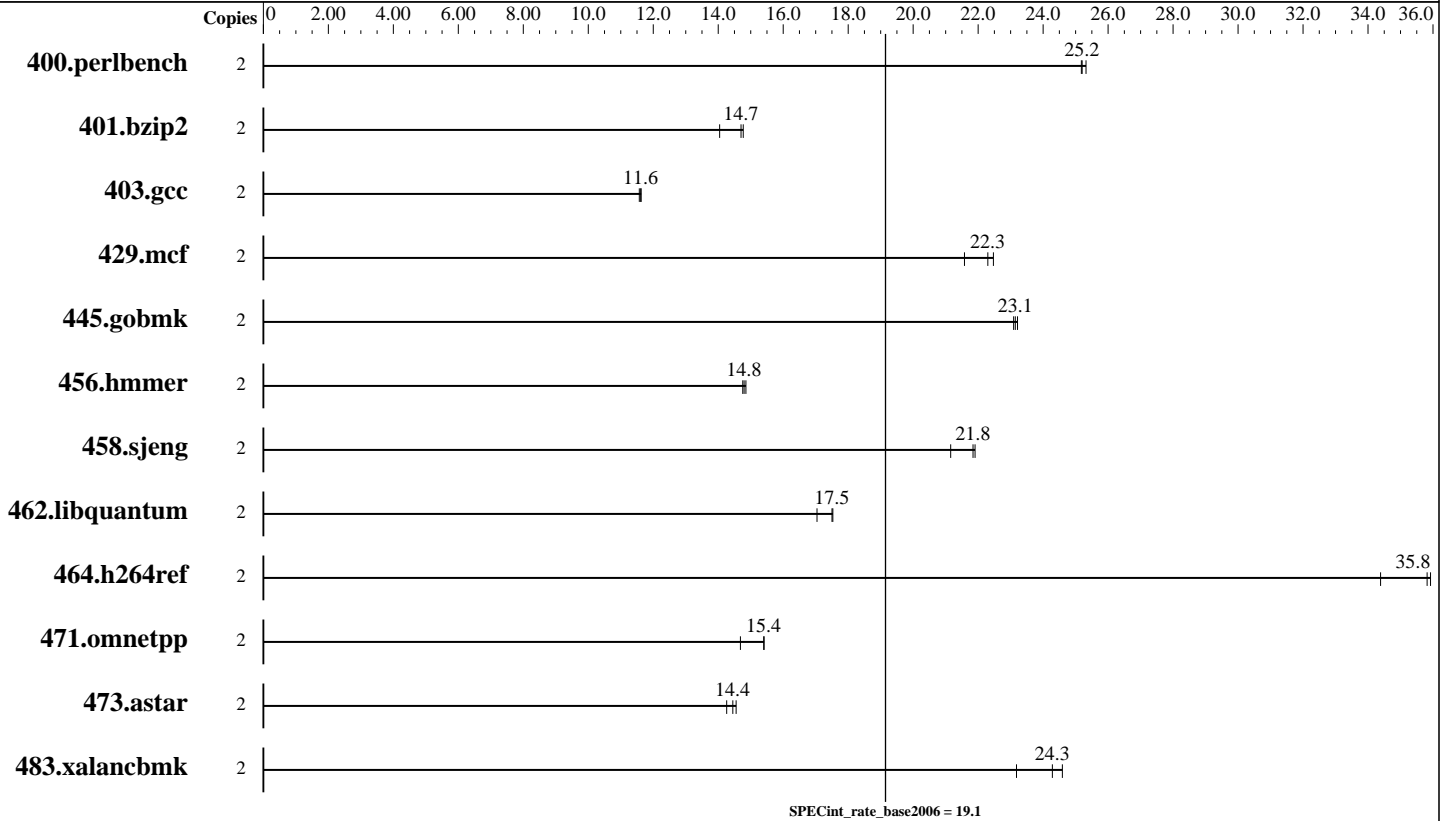
Test sponsor: Intel Corporation

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 (2x1GB Qimonda* PC-5300 DDR2-667 5-5-5-12)
 Disk Subsystem: Hitachi* HTS721010G9 SATA 100GB 7200RPM
 Other Hardware: None

Software

Operating System: Windows XP Professional w/ SP2
 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	<u>775</u>	<u>25.2</u>	772	25.3	776	25.2							
401.bzip2	2	1374	14.0	1307	14.8	<u>1313</u>	<u>14.7</u>							
403.gcc	2	1391	11.6	<u>1386</u>	<u>11.6</u>	1385	11.6							
429.mcf	2	812	22.5	<u>818</u>	<u>22.3</u>	845	21.6							
445.gobmk	2	904	23.2	<u>907</u>	<u>23.1</u>	909	23.1							
456.hammer	2	1256	14.9	1265	14.8	<u>1261</u>	<u>14.8</u>							
458.sjeng	2	1105	21.9	1144	21.2	<u>1108</u>	<u>21.8</u>							
462.libquantum	2	2364	17.5	2432	17.0	<u>2368</u>	<u>17.5</u>							
464.h264ref	2	1232	35.9	1287	34.4	<u>1236</u>	<u>35.8</u>							
471.omnetpp	2	811	15.4	851	14.7	<u>812</u>	<u>15.4</u>							
473.astar	2	965	14.6	985	14.3	<u>972</u>	<u>14.4</u>							
483.xalancbmk	2	561	24.6	595	23.2	<u>568</u>	<u>24.3</u>							

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
XP Power Profile set to AC/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 other inquiries, please contact webmaster@spec.org.

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