



SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECint®2006 = Not Run

Lenovo ThinkPad T61(Intel Core 2 Duo T7700)

SPECint_base2006 = 15.6

CPU2006 license: 13

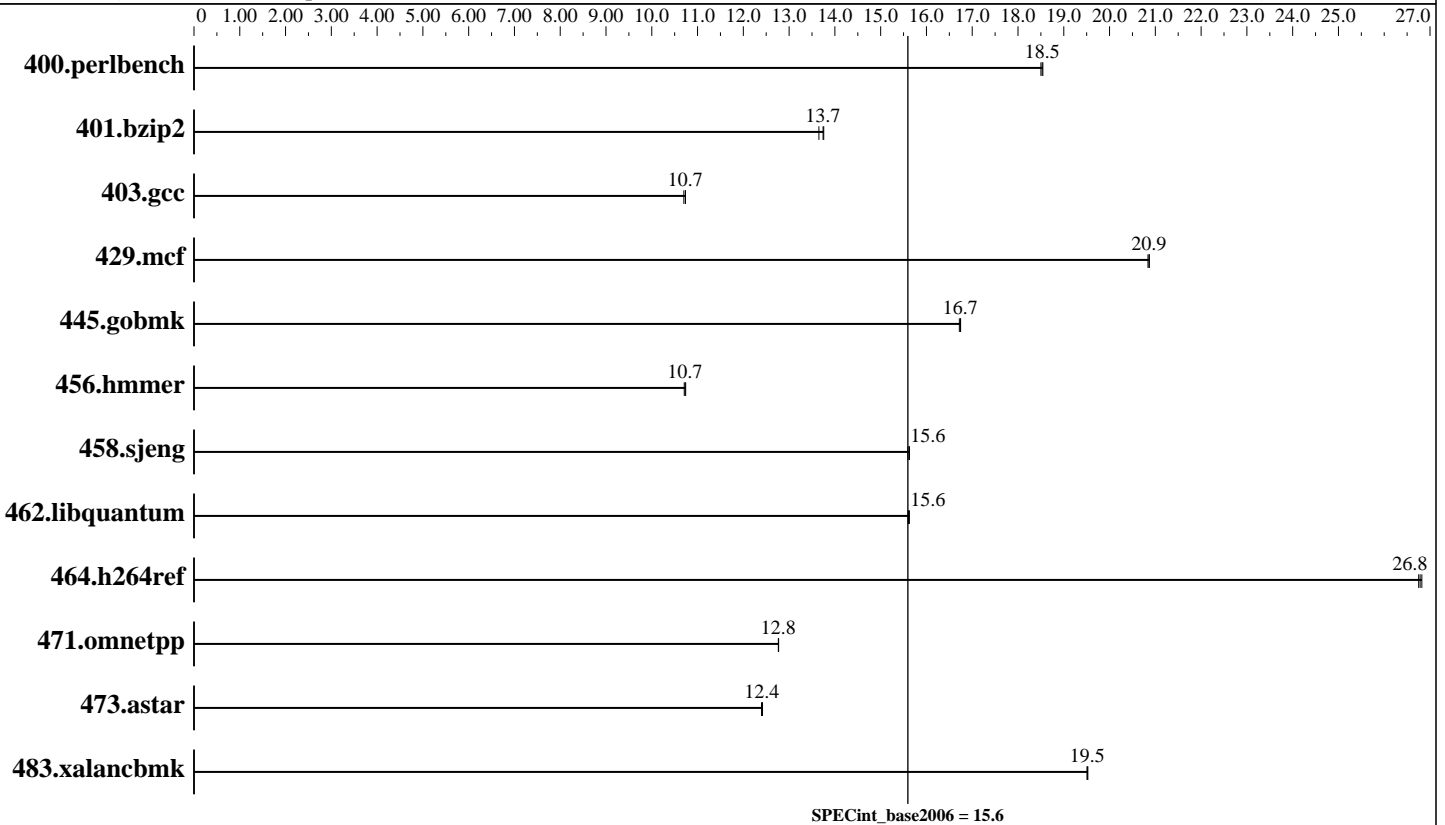
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



Hardware

CPU Name: Intel Core 2 Duo T7700
CPU Characteristics: 2.40 GHz, 4MB L2, 800 MHz Bus
CPU MHz: 2400
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: 4 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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	527	18.5	<u>527</u>	<u>18.5</u>	528	18.5						
401.bzip2	707	13.7	702	13.8	<u>702</u>	<u>13.7</u>						
403.gcc	752	10.7	<u>750</u>	<u>10.7</u>	750	10.7						
429.mcf	<u>437</u>	<u>20.9</u>	437	20.9	438	20.8						
445.gobmk	<u>627</u>	<u>16.7</u>	626	16.7	627	16.7						
456.hammer	<u>870</u>	<u>10.7</u>	871	10.7	869	10.7						
458.sjeng	774	15.6	<u>775</u>	<u>15.6</u>	776	15.6						
462.libquantum	1326	15.6	1328	15.6	<u>1327</u>	<u>15.6</u>						
464.h264ref	825	26.8	827	26.8	<u>826</u>	<u>26.8</u>						
471.omnetpp	490	12.8	489	12.8	<u>490</u>	<u>12.8</u>						
473.astar	566	12.4	565	12.4	<u>566</u>	<u>12.4</u>						
483.xalancbmk	<u>354</u>	<u>19.5</u>	354	19.5	353	19.5						

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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