



SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECint®_rate2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECint_rate_base2006 = 16.7

CPU2006 license: 13

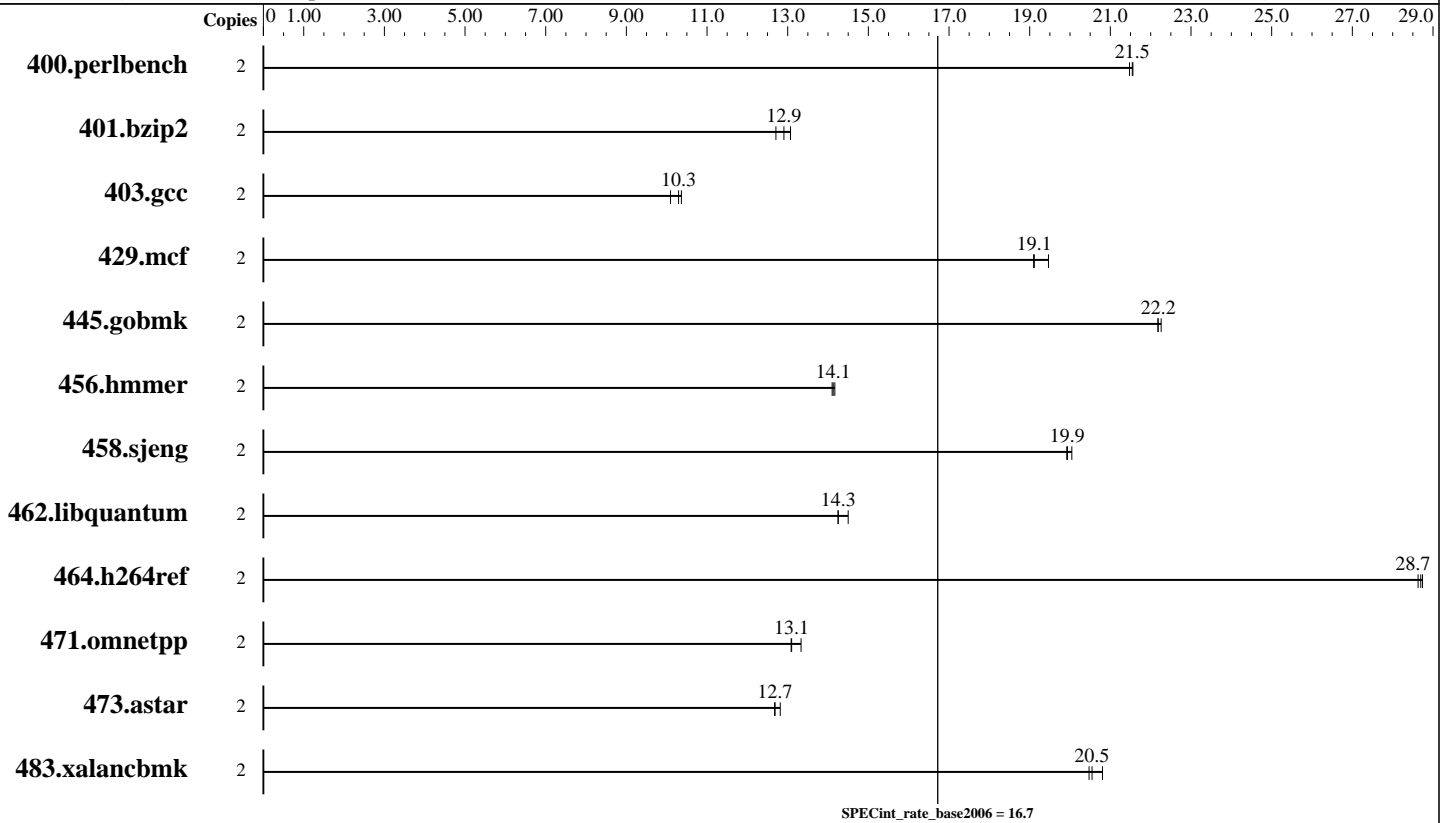
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



Hardware

CPU Name: 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 | | | | | | |
|----------------|--------|-------------|-------------|-------------|-------------|---------|-------|--------|---------|-------|---------|-------|---------|-------|
| | Copies | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Copies | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio |
| 400.perlbench | 2 | 907 | 21.5 | 910 | 21.5 | 906 | 21.6 | | | | | | | |
| 401.bzip2 | 2 | 1519 | 12.7 | 1495 | 12.9 | 1477 | 13.1 | | | | | | | |
| 403.gcc | 2 | 1564 | 10.3 | 1595 | 10.1 | 1553 | 10.4 | | | | | | | |
| 429.mcf | 2 | 954 | 19.1 | 955 | 19.1 | 937 | 19.5 | | | | | | | |
| 445.gobmk | 2 | 946 | 22.2 | 946 | 22.2 | 943 | 22.3 | | | | | | | |
| 456.hammer | 2 | 1321 | 14.1 | 1323 | 14.1 | 1317 | 14.2 | | | | | | | |
| 458.sjeng | 2 | 1214 | 19.9 | 1215 | 19.9 | 1207 | 20.0 | | | | | | | |
| 462.libquantum | 2 | 2908 | 14.2 | 2907 | 14.3 | 2858 | 14.5 | | | | | | | |
| 464.h264ref | 2 | 1542 | 28.7 | 1546 | 28.6 | 1540 | 28.7 | | | | | | | |
| 471.omnetpp | 2 | 955 | 13.1 | 954 | 13.1 | 938 | 13.3 | | | | | | | |
| 473.astar | 2 | 1107 | 12.7 | 1108 | 12.7 | 1096 | 12.8 | | | | | | | |
| 483.xalancbmk | 2 | 672 | 20.5 | 674 | 20.5 | 663 | 20.8 | | | | | | | |

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

Continued on next page



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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.

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