SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

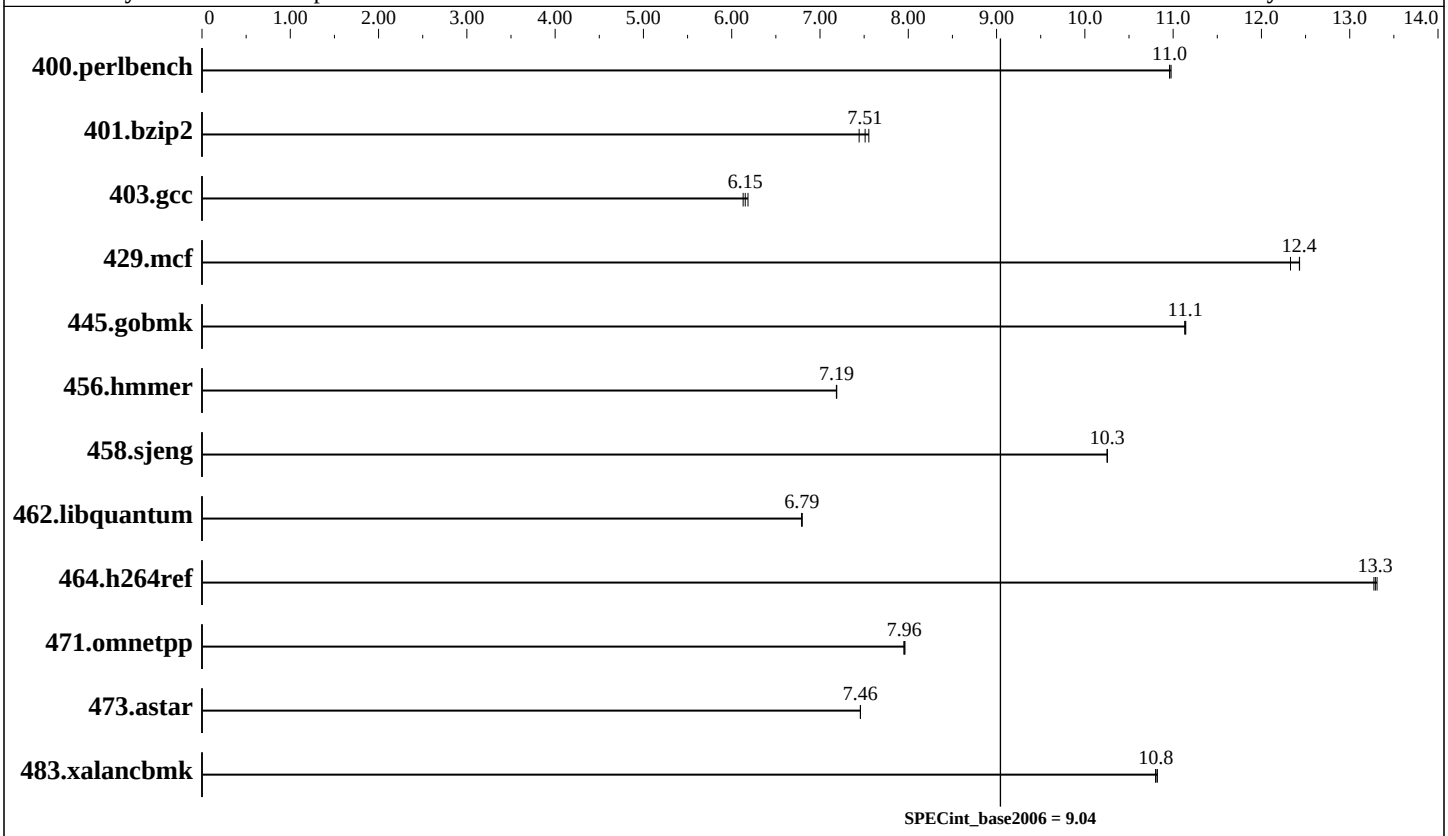
Lenovo ThinkPad T43(Intel Pentium M 750)

SPECint®2006 = Not Run

SPECint_base2006 = 9.04

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 Pentium M 750
CPU Characteristics:	1.86 GHz 2MB L2
CPU MHz:	1867
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1 chip
Primary Cache:	32 KB I + 32 KB D on chip per chip
Secondary Cache:	2 MB I+D on chip per chip
L3 Cache:	None
Other Cache:	None
Memory:	1 GB (2x512 MB Samsung* PC2-4200s DDR2-533 4-4-4-12)
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	890	11.0	891	11.0	**891**	**11.0**						
401.bzip2	**1285**	**7.51**	1296	7.44	1278	7.55						
403.gcc	**1308**	**6.15**	1302	6.18	1313	6.13						
429.mcf	740	12.3	**734**	**12.4**	734	12.4						
445.gobmk	**942**	**11.1**	942	11.1	941	11.1						
456.hmmer	**1298**	**7.19**	1298	7.19	1298	7.19						
458.sjeng	1180	10.3	**1180**	**10.3**	1180	10.3						
462.libquantum	3048	6.80	**3050**	**6.79**	3051	6.79						
464.h264ref	1667	13.3	1663	13.3	**1665**	**13.3**						
471.omnetpp	**786**	**7.96**	785	7.96	786	7.95						
473.astar	**941**	**7.46**	941	7.46	941	7.46						
483.xalancbmk	638	10.8	639	10.8	**639**	**10.8**						

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:

```
-QxN -Qipo -O3 -Qprec-div- /F512000000 shlw32m.lib
            -link /FORCE:MULTIPLE
```

Continued on next page

Base Optimization Flags (Continued)

C++ benchmarks:
```
-QxN -Qipo -O3 -Qprec-div- -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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