



SPEC® CINT2006 Result

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Dell Inc.
(Test Sponsor: Intel Corporation)

SPECint®2006 = 12.7

XPS M1710 (Intel Core Duo T2600)

SPECint_base2006 = 11.7

CPU2006 license: 13

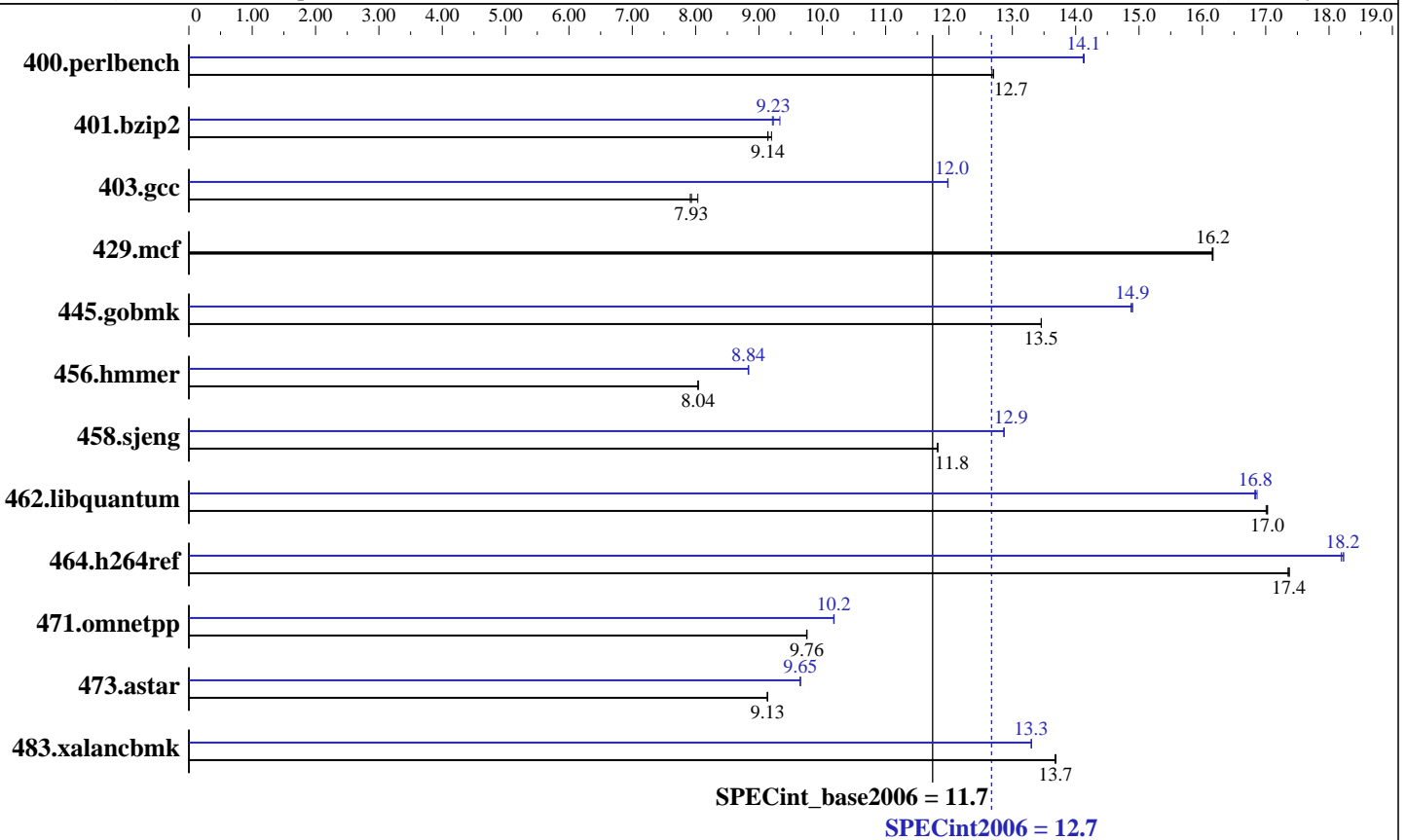
Test date: Jul-2007

Test sponsor: Intel Corporation

Hardware Availability: Jul-2007

Tested by: Intel Corporation

Software Availability: May-2007



Hardware

CPU Name: Intel Core Duo T2600
 CPU Characteristics:
 CPU MHz: 2167
 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 DDR2-667 CL5)
 Disk Subsystem: 100GB SATA, 7200 RPM
 Other Hardware: None

Software

Operating System: Windows Vista Ultimate (32-bit)
 Compiler: Intel C++ Compiler for IA32 version 10.0
 Build 20070426 Package ID: W_CC_P_10.0.025
 Microsoft Visual Studio .Net 2003 (for libraries)
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: SmartHeap Library Version 8.0 from
<http://www.microquill.com/>



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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	771	12.7	769	12.7	769	12.7	692	14.1	692	14.1	691	14.1
401.bzip2	1055	9.14	1049	9.20	1056	9.14	1034	9.33	1047	9.21	1046	9.23
403.gcc	1002	8.03	1017	7.92	1015	7.93	672	12.0	672	12.0	672	12.0
429.mcf	565	16.2	564	16.2	564	16.2	565	16.2	564	16.2	564	16.2
445.gobmk	779	13.5	779	13.5	780	13.5	704	14.9	705	14.9	704	14.9
456.hmmer	1161	8.04	1160	8.04	1161	8.04	1056	8.84	1057	8.83	1056	8.84
458.sjeng	1024	11.8	1023	11.8	1024	11.8	940	12.9	940	12.9	940	12.9
462.libquantum	1217	17.0	1217	17.0	1218	17.0	1231	16.8	1230	16.8	1229	16.9
464.h264ref	1274	17.4	1274	17.4	1275	17.4	1217	18.2	1214	18.2	1215	18.2
471.omnetpp	641	9.76	641	9.76	641	9.75	614	10.2	614	10.2	614	10.2
473.astar	769	9.13	768	9.14	769	9.13	727	9.65	727	9.65	727	9.65
483.xalancbmk	504	13.7	505	13.7	504	13.7	519	13.3	519	13.3	519	13.3

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

nVidia GeForce Go 7900 discrete graphics card
Binaries were built on Windows XP Professional SP2

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

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Base Optimization Flags (Continued)

C++ benchmarks:

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

Base Other Flags

C benchmarks:

```
403.gcc: -Dalloca=_alloca
```

Peak Compiler Invocation

C benchmarks:

```
icl -Qvc7.1 -Qc99
```

C++ benchmarks:

```
icl -Qvc7.1
```

Peak Portability Flags

```
403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32
```

Peak Optimization Flags

C benchmarks:

```
400.perlbench: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- -Qansi-alias -Qprefetch /F512000000
shlw32m.lib -link /FORCE:MULTIPLE
```

```
401.bzip2: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE
```

```
403.gcc: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- /F512000000 -link /FORCE:MULTIPLE
```

```
429.mcf: basepeak = yes
```

```
445.gobmk: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -O2 -Qipo
-Qprec-div- -Qansi-alias /F512000000
-link /FORCE:MULTIPLE
```

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Peak Optimization Flags (Continued)

456.hmmcr: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- -Qunroll2 -Qansi-alias /F512000000
shlw32m.lib -link /FORCE:MULTIPLE

458.sjeng: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- -Qunroll4 /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

462.libquantum: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3
-Qprec-div- -Qunroll4 -Ob0 -Qprefetch
-Qopt-streaming-stores:always /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

464.h264ref: Same as 456.hmmcr

C++ benchmarks:

-Qprof_gen(pass 1) -Qprof_use(pass 2) -QxP -Qipo -O3 -Qprec-div-
-Qansi-alias -Qcxx_features /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

Peak 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-ic10-ia32-intel64-linux-flags.20090714.47.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic10-ia32-intel64-linux-flags.20090714.47.xml>

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For other inquiries, please contact webmaster@spec.org.

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