



SPEC® CINT2006 Result

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Dell Inc.

Dell Precision 380 (3.8 GHz, Pentium 4 processor 670)

SPECint®2006 = --

SPECint_base2006 = 11.5

CPU2006 license: 55

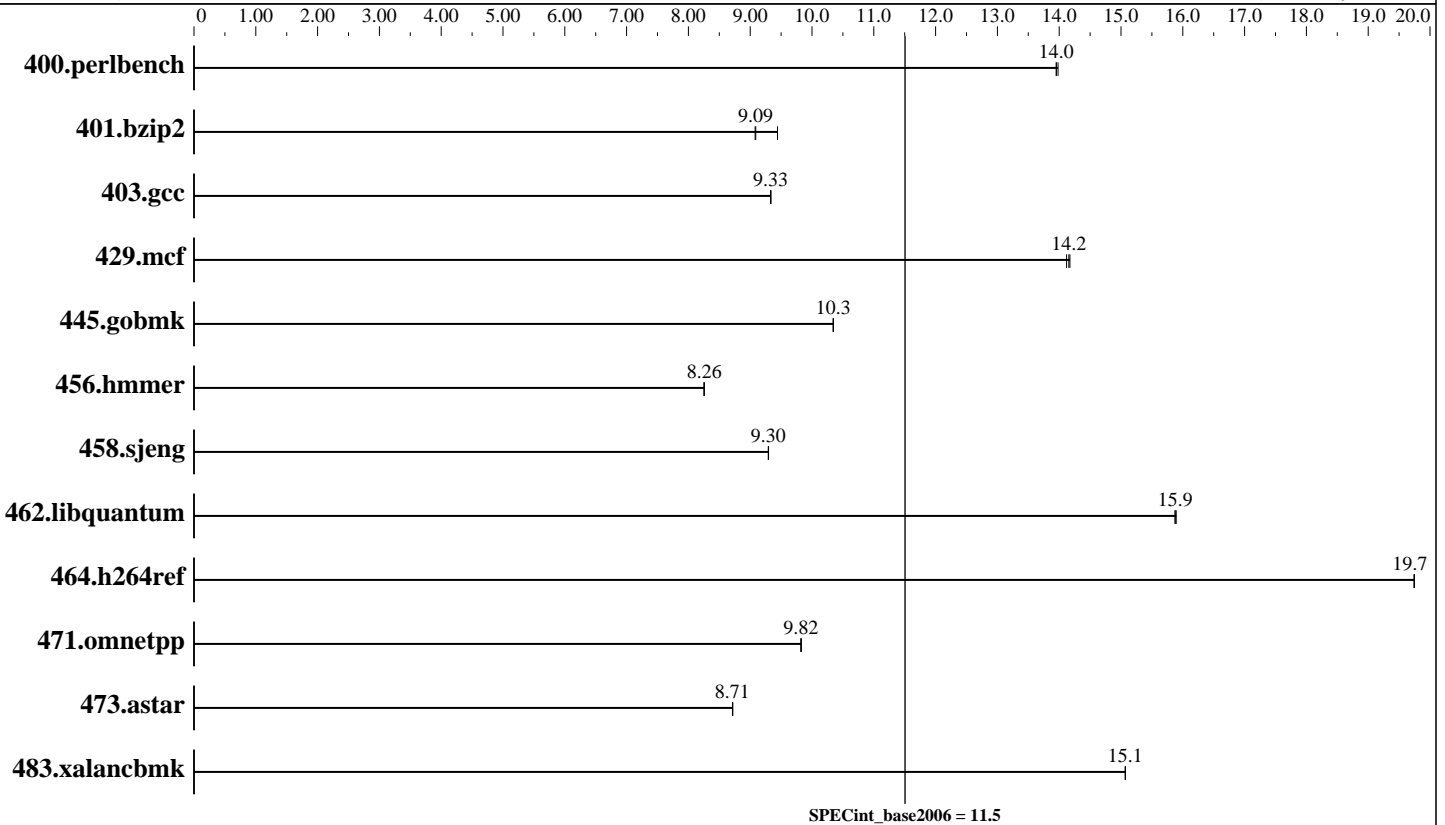
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Apr-2006

Hardware Availability: Jun-2005

Software Availability: May-2006



Hardware

CPU Name: Intel Pentium 4 670
 CPU Characteristics:
 CPU MHz: 3800
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 12 K micro-ops I + 16 KB D on chip per chip
 Secondary Cache: 2 MB I+D on chip per chip
 L3 Cache: None
 Other Cache: None
 Memory: 2 GB (4x512 MB 533MHz CL4 DDR2 SDRAM)
 Disk Subsystem: 1 x 80GB SATA 7200 RPM
 Other Hardware: None

Software

Operating System: Windows XP Professional x64 Edition
 Compiler: Intel C++ Compiler 9.1 for IA32 (20060323Z)
 Microsoft Visual Studio .NET 2003
 MicroQuill SmartHeap Library 7.4
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: None



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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	699	14.0	700	14.0	<u>700</u>	<u>14.0</u>						
401.bzip2	1022	9.44	1063	9.08	<u>1062</u>	<u>9.09</u>						
403.gcc	862	9.33	863	9.33	<u>863</u>	<u>9.33</u>						
429.mcf	646	14.1	643	14.2	<u>644</u>	<u>14.2</u>						
445.gobmk	1014	10.3	1014	10.3	<u>1014</u>	<u>10.3</u>						
456.hammer	1130	8.26	1130	8.25	<u>1130</u>	<u>8.26</u>						
458.sjeng	<u>1302</u>	<u>9.30</u>	1301	9.30	1302	9.29						
462.libquantum	1304	15.9	<u>1305</u>	<u>15.9</u>	1305	15.9						
464.h264ref	1121	19.7	1121	19.7	<u>1121</u>	<u>19.7</u>						
471.omnetpp	636	9.83	<u>636</u>	<u>9.82</u>	636	9.82						
473.astar	<u>806</u>	<u>8.71</u>	805	8.72	806	8.71						
483.xalancbmk	458	15.1	458	15.1	<u>458</u>	<u>15.1</u>						

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

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
```

C++ benchmarks:

```
-fast -Qcxx_features /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE
```



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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-flags.20090715.00.html>

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

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.00.xml>

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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v90.
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