



SPEC® CINT2006 Result

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PC Factory S.A.
PC2 MX 820035G PRO

SPECint®_rate2006 = 32.7
SPECint_rate_base2006 = 29.9

CPU2006 license: 3635

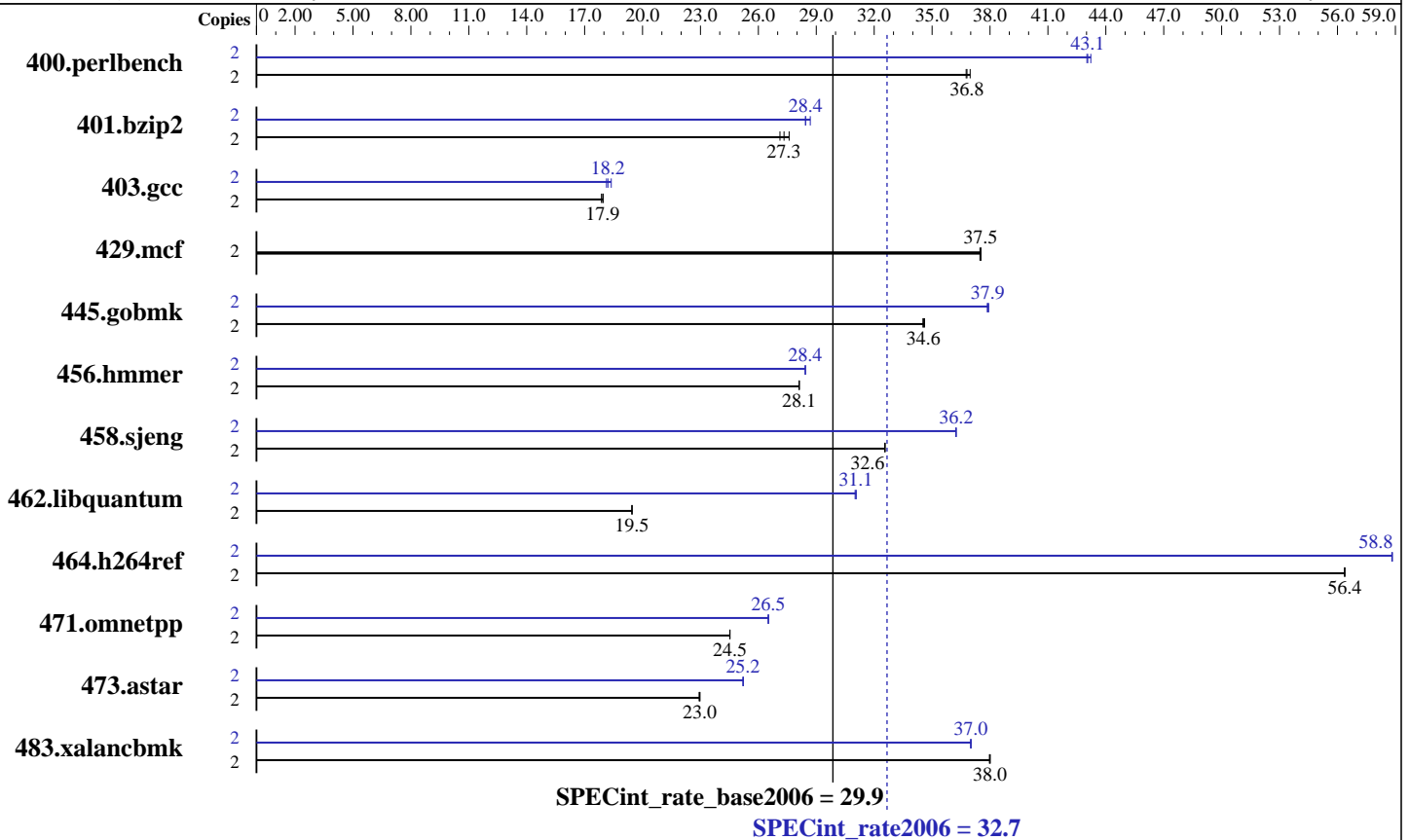
Test sponsor: PC Factory S.A.

Tested by: PC Factory S.A.

Test date: May-2008

Hardware Availability: May-2008

Software Availability: May-2008



Hardware

CPU Name: Intel Core 2 Duo E8200
 CPU Characteristics: 1333 MHz Bus Speed
 CPU MHz: 2660
 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: 6 MB I+D on chip per chip
 L3 Cache: None
 Other Cache: None
 Memory: 2 GB
 Disk Subsystem: Hitachi 160GB, 7200RPM, SATA
 Other Hardware: None

Software

Operating System: Microsoft Windows XP Professional SP2
 Compiler: Intel C++ Compiler for IA32 version 10.1
 Build 20080312 Package ID: W_CC_P_10.1.021
 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 8.1



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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	<u>531</u>	<u>36.8</u>	532	36.8	529	37.0	2	452	43.2	454	43.0	<u>454</u>	<u>43.1</u>
401.bzip2	2	712	27.1	699	27.6	<u>706</u>	<u>27.3</u>	2	<u>679</u>	<u>28.4</u>	673	28.7	679	28.4
403.gcc	2	<u>898</u>	<u>17.9</u>	896	18.0	901	17.9	2	888	18.1	<u>884</u>	<u>18.2</u>	876	18.4
429.mcf	2	487	37.5	<u>486</u>	<u>37.5</u>	486	37.5	2	487	37.5	<u>486</u>	<u>37.5</u>	486	37.5
445.gobmk	2	606	34.6	608	34.5	<u>607</u>	<u>34.6</u>	2	<u>554</u>	<u>37.9</u>	554	37.9	553	37.9
456.hammer	2	664	28.1	<u>664</u>	<u>28.1</u>	664	28.1	2	656	28.4	656	28.4	<u>656</u>	<u>28.4</u>
458.sjeng	2	744	32.5	<u>743</u>	<u>32.6</u>	743	32.6	2	<u>668</u>	<u>36.2</u>	668	36.2	668	36.2
462.libquantum	2	2131	19.4	<u>2131</u>	<u>19.5</u>	2129	19.5	2	1336	31.0	1334	31.1	<u>1335</u>	<u>31.1</u>
464.h264ref	2	785	56.4	<u>785</u>	<u>56.4</u>	785	56.4	2	<u>752</u>	<u>58.8</u>	753	58.8	752	58.8
471.omnetpp	2	510	24.5	<u>510</u>	<u>24.5</u>	510	24.5	2	471	26.5	471	26.5	<u>471</u>	<u>26.5</u>
473.astar	2	<u>611</u>	<u>23.0</u>	612	22.9	611	23.0	2	<u>557</u>	<u>25.2</u>	557	25.2	557	25.2
483.xalancbmk	2	<u>363</u>	<u>38.0</u>	363	38.0	363	38.0	2	<u>373</u>	<u>37.0</u>	373	37.0	373	37.0

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

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) -fast -Qansi-alias
-Qprefetch /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

401.bzip2: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000
shlw32m.lib -link /FORCE:MULTIPLE

403.gcc: Same as 401.bzip2

429.mcf: basepeak = yes

445.gobmk: -Qprof_gen(pass 1) -Qprof_use(pass 2) -QxT -O2 -Qipo
-Qprec_div- -Qansi-alias /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

456.hmmer: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qunroll2
-Qansi-alias /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

458.sjeng: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qunroll4
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE

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Peak Optimization Flags (Continued)

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

464.h264ref: Same as 456.hmmer

C++ benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -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/Dell-Intel-ic10-ia32.html>

You can also download the XML flags source by saving the following link:
<http://www.spec.org/cpu2006/flags/Dell-Intel-ic10-ia32.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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