SPEC® CINT2006 Result

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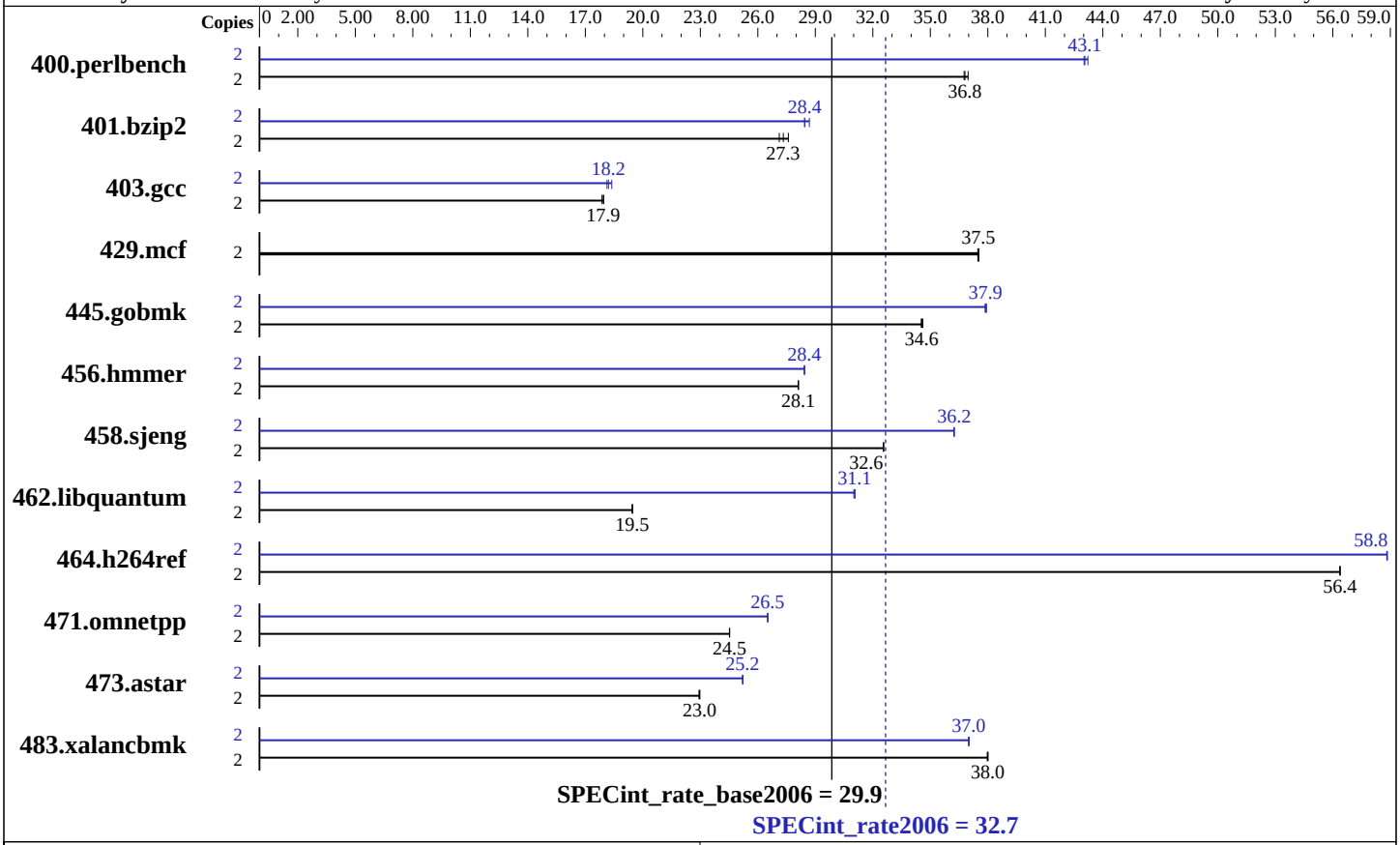
PC Factory S.A.
PC2 MX 820035G PRO

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

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 other inquiries, please contact webmaster@spec.org.

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