SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

YOYOtech
(Test Sponsor: Future Publishing Ltd.)

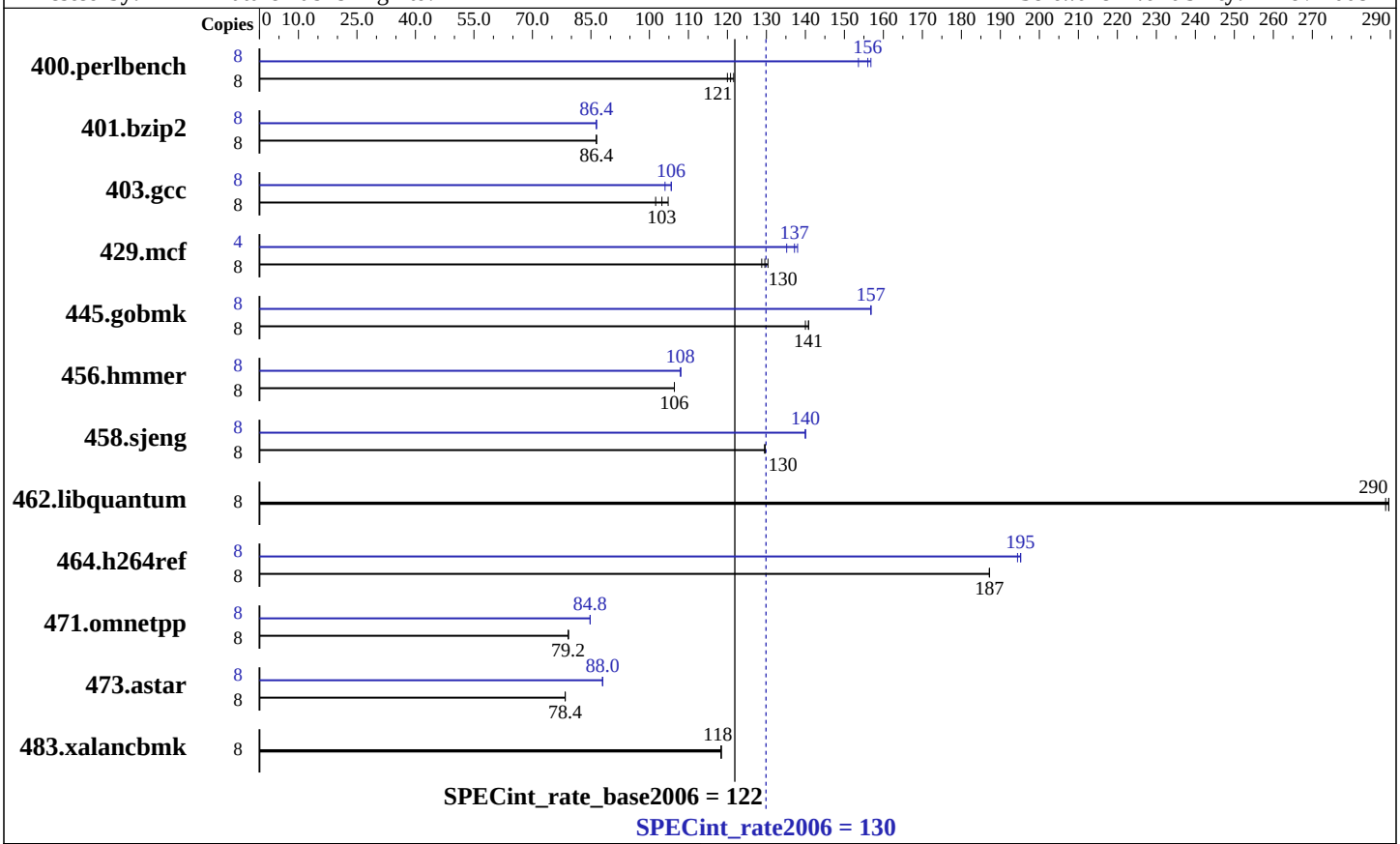
Fi7EPOWER MLK1610 (Intel Core i7-965)

SPECint®_rate2006 = 130

SPECint_rate_base2006 = 122

CPU2006 license: 3772
Test sponsor: Future Publishing Ltd.
Tested by: Future Publishing Ltd.

Test date: Oct-2008
Hardware Availability: Nov-2008
Software Availability: Nov-2008



Hardware

CPU Name:	Intel Core i7-965 Extreme Edition
CPU Characteristics:	Intel Turbo Boost Technology disabled, clocked at 3.73 GHz
CPU MHz:	3733
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip, 2 threads/core
CPU(s) orderable:	1 chip
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	256 KB I+D on chip per core
L3 Cache:	8 MB I+D on chip per chip
Other Cache:	None
Memory:	9 GB (3x 2GB and 3x 1GB Corsair DDR3-1066, 9-9-9-24)
Disk Subsystem:	80 GB SATA, SSD
Other Hardware:	None

Software

Operating System:	Windows Vista Ultimate w/ SP1 (64-bit)
Compiler:	Intel C++ Compiler Professional 11.0 for IA32 Build 20080930 Package ID: w_cproc_p_11.0.054 Microsoft Visual Studio 2008 (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 from http://www.microquill.com/

SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

YOYOtech
(Test Sponsor: Future Publishing Ltd.)

Fi7EPOWER MLK1610 (Intel Core i7-965)

SPECint_rate2006 = 130

SPECint_rate_base2006 = 122

CPU2006 license: 3772
Test sponsor: Future Publishing Ltd.
Tested by: Future Publishing Ltd.

Test date: Oct-2008
Hardware Availability: Nov-2008
Software Availability: Nov-2008

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	650	120	641	122	**648**	**121**	8	508	154	500	157	**501**	**156**
401.bzip2	8	**896**	**86.4**	890	86.4	896	86.4	8	**897**	**86.4**	897	86.4	897	86.4
403.gcc	8	615	105	**622**	**103**	636	102	8	621	104	**611**	**106**	610	106
429.mcf	8	559	130	565	129	**563**	**130**	4	**266**	**137**	270	135	265	138
445.gobmk	8	595	141	599	140	**597**	**141**	8	535	157	534	157	**534**	**157**
456.hmmer	8	**699**	**106**	699	106	699	106	8	689	108	**690**	**108**	690	108
458.sjeng	8	747	130	748	130	**747**	**130**	8	690	140	**691**	**140**	691	140
462.libquantum	8	572	290	573	289	**573**	**290**	8	572	290	573	289	**573**	**290**
464.h264ref	8	**948**	**187**	947	187	948	187	8	907	195	911	194	**908**	**195**
471.omnetpp	8	630	79.2	629	79.2	**630**	**79.2**	8	589	84.8	**589**	**84.8**	589	84.8
473.astar	8	715	78.4	**714**	**78.4**	714	78.4	8	639	88.0	**640**	**88.0**	640	88.0
483.xalancbmk	8	**465**	**118**	465	118	465	118	8	**465**	**118**	465	118	465	118

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

Submit Notes

```
The config file option 'submit' was used.
```

General Notes

```
System was configured with HIS Radeon HD 4870 X2 discrete graphics card
Binaries were built on Windows Vista Ultimate (32-bit)
```

Base Compiler Invocation

C benchmarks:

```
icl -Qvc9 -Qc99
```

C++ benchmarks:

```
icl -Qvc9
```

Base Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`
483.xalancbmk: `-Qoption,cpp,--no_wchar_t_keyword`

Base Optimization Flags

C benchmarks:
```
-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000
```

C++ benchmarks:
```
-QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx-features
/F512000000 shlw32m.lib            -link /FORCE:MULTIPLE
```

Base Other Flags

C benchmarks:

403.gcc: `-Dalloca=_alloca`

Peak Compiler Invocation

C benchmarks:
```
icl -Qvc9 -Qc99
```

C++ benchmarks:
```
icl -Qvc9
```

Peak Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`
483.xalancbmk: `-Qoption,cpp,--no_wchar_t_keyword`

Peak Optimization Flags

C benchmarks:

400.perlbench: `-QxSSE4.2`(pass 2) `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2)
`-Qipo -O3 -Qprec-div- -Qansi-alias -Qopt-prefetch`
`/F512000000 shlw32m.lib            -link /FORCE:MULTIPLE`

401.bzip2: `-QxSSE4.2`(pass 2) `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2)
`-Qipo -O3 -Qprec-div- -Qopt-prefetch -Qansi-alias`
`/F512000000`

403.gcc: `-QxSSE4.2`(pass 2) `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2)
`-Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000`

Continued on next page

Peak Optimization Flags (Continued)

429.mcf: -QxSSE4.2 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000

445.gobmk: -QxSSE4.2(pass 2) -Qprof_gen(pass 1) -Qprof_use(pass 2) -Qipo -O2 -Qprec-div- -Qansi-alias /F512000000

456.hmmer: -QxSSE4.2 -Qipo -O3 -Qprec-div- -Qunroll2 -Qansi-alias /F512000000

458.sjeng: -QxSSE4.2(pass 2) -Qprof_gen(pass 1) -Qprof_use(pass 2) -Qipo -O3 -Qprec-div- -Qunroll4 /F512000000

462.libquantum: basepeak = yes

464.h264ref: -QxSSE4.2(pass 2) -Qprof_gen(pass 1) -Qprof_use(pass 2) -Qipo -O3 -Qprec-div- -Qunroll2 -Qansi-alias /F512000000

C++ benchmarks:

471.omnetpp: -QxSSE4.2(pass 2) -Qprof_gen(pass 1) -Qprof_use(pass 2) -Qipo -O3 -Qprec-div- -Qansi-alias -Qopt-ra-region-strategy=block /F512000000 shlw32m.lib -link /FORCE:MULTIPLE

473.astar: -QxSSE4.2(pass 2) -Qprof_gen(pass 1) -Qprof_use(pass 2) -Qipo -O3 -Qprec-div- -Qansi-alias -Qopt-ra-region-strategy=routine /F512000000 shlw32m.lib -link /FORCE:MULTIPLE

483.xalancbmk: basepeak = yes

Peak Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

The flags files that were used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.20090713.html
http://www.spec.org/cpu2006/flags/Intel-Win32-Platform.html

You can also download the XML flags sources by saving the following links:
http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.20090713.xml
http://www.spec.org/cpu2006/flags/Intel-Win32-Platform.xml

Copyright 2006-2014 Standard Performance Evaluation Corporation

YOYOtech
(Test Sponsor: Future Publishing Ltd.)

Fi7EPOWER MLK1610 (Intel Core i7-965)

SPECint_rate2006 = 130

SPECint_rate_base2006 = 122

CPU2006 license: 3772
Test sponsor: Future Publishing Ltd.
Tested by: Future Publishing Ltd.

Test date: Oct-2008
Hardware Availability: Nov-2008
Software Availability: Nov-2008

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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

Tested with SPEC CPU2006 v1.1.
Report generated on Tue Jul 22 22:26:09 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 20 January 2009.