

crypto_stream
speck6496ctr
implementations

T:avx512

?:avx512

T:avx2

?:avx2

?:sse4

T:sse4

?:neon

https://bench.cr.yp.to
20230702

amd64 Bobcat

amd64 K8

amd64 K10 65nm

amd64 K10 45nm

amd64 K10 32nm

amd64 Bulldozer

amd64 Piledriver

amd64 Zen

amd64 Zen 2

amd64 Zen 3

amd64 Knights Landing

amd64 Golden Cove

amd64 Cascade Lake

amd64 Tiger Lake

amd64 Skylake+512x2

amd64 Ice Lake

amd64 Comet Lake

amd64 Cannon Lake

amd64 Coffee Lake

amd64 Kaby Lake

amd64 Skylake

amd64 Broadwell+AES

amd64 Haswell+AES

amd64 Ivy Bridge+AES

amd64 Sandy Bridge+AES

amd64 Sandy Bridge

amd64 Westmere

amd64 Core 2 45nm

amd64 Core 2 65nm

amd64 Gracemont

amd64 Tremont

amd64 Goldmont Plus

amd64 Goldmont

amd64 Airmont

amd64 Silvermont

amd64 Bonnell

ppc32 G3

riscv64 U54

mips32 Octeon II

armeabi Armada

armeabi Cortex-A7

armeabi Cortex-A8

armeabi Cortex-A9+NEON

armeabi Cortex-A15

aarch64 X-Gen

aarch64 Cortex-A53

aarch64 Cortex-A53+crypto

aarch64 Cortex-A57+crypto

aarch64 Cortex-A72

aarch64 Cortex-A72+crypto

aarch64 ThunderX2

Time

1024

2048

4096

8192

16384

