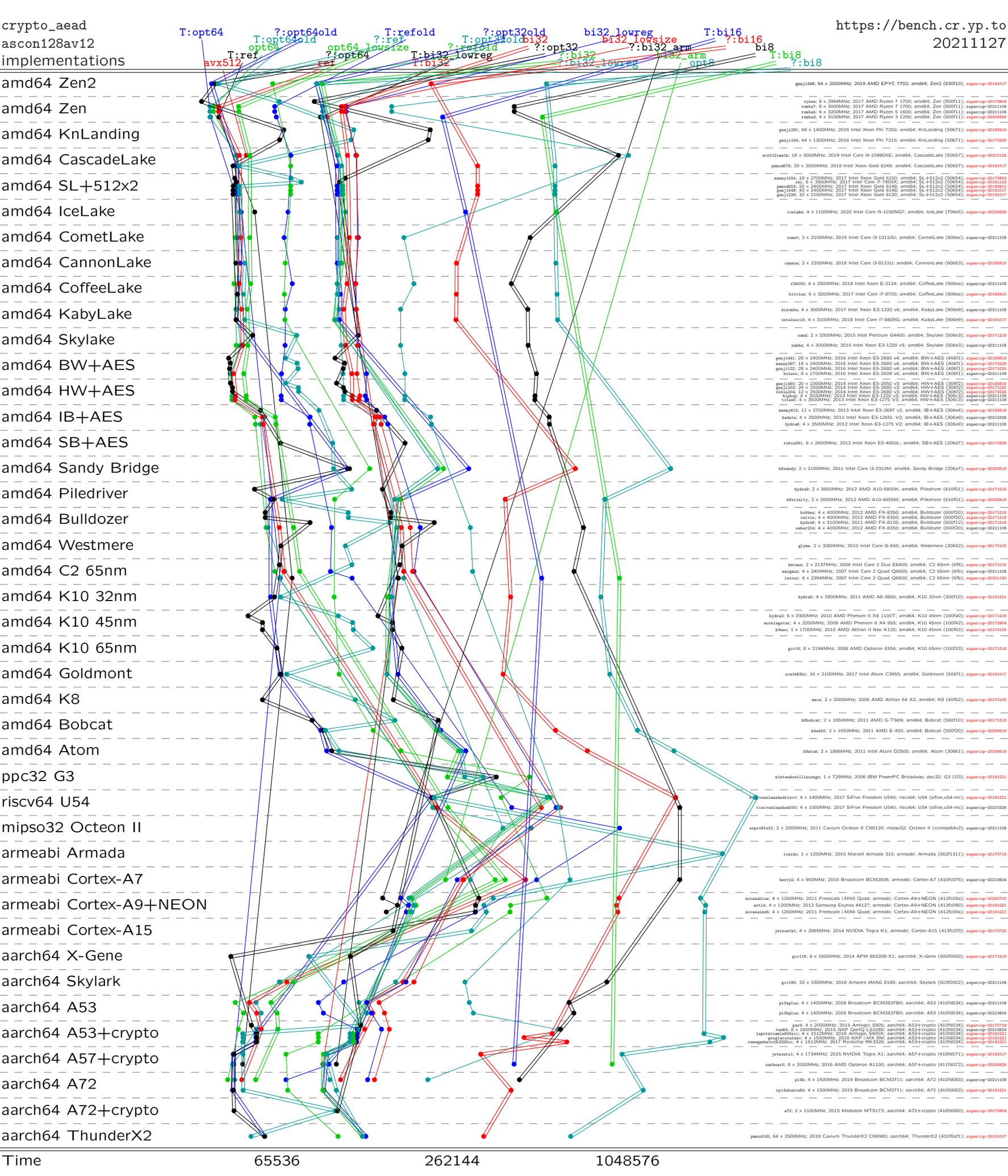
crypto_aead
ascon128av12
implementations
https://bench.cr.yp.to
20211127
T:opt64
?:opt64old
T:refold
?:opt32old
bi32_lowreg
T:bi16
T:opt64old
?:ref
T:opt32old
bi32
bi32_lowsize
?:bi16
opt64
opt64_lowsize
?:refold
?:opt32
bi32_arm
bi8
T:ref
?:opt64
T:bi32_lowreg
?:bi32
T:bi8
avx512
ref
T:bi32
?:bi32_lowreg
opt8
?:bi8
amd64 Zen2
amd64 Zen
amd64 KnLanding
amd64 CascadeLake
amd64 SL+512x2
amd64 IceLake
amd64 CometLake
amd64 CannonLake
amd64 CoffeeLake
amd64 KabyLake
amd64 Skylake
amd64 BW+AES
amd64 HW+AES
amd64 IB+AES
amd64 SB+AES
amd64 Sandy Bridge
amd64 Piledriver
amd64 Bulldozer
amd64 Westmere
amd64 C2 65nm
amd64 K10 32nm
amd64 K10 45nm
amd64 K10 65nm
amd64 Goldmont
amd64 K8
amd64 Bobcat
amd64 Atom
ppc32 G3
riscv64 U54
mipso32 Octeon II
armeabi Armada
armeabi Cortex-A7
armeabi Cortex-A9+NEON
armeabi Cortex-A15
aarch64 X-Gene
aarch64 Skylark
aarch64 A53
aarch64 A53+crypto
aarch64 A57+crypto
aarch64 A72
aarch64 A72+crypto
aarch64 ThunderX2
Time
65536
262144
1048576