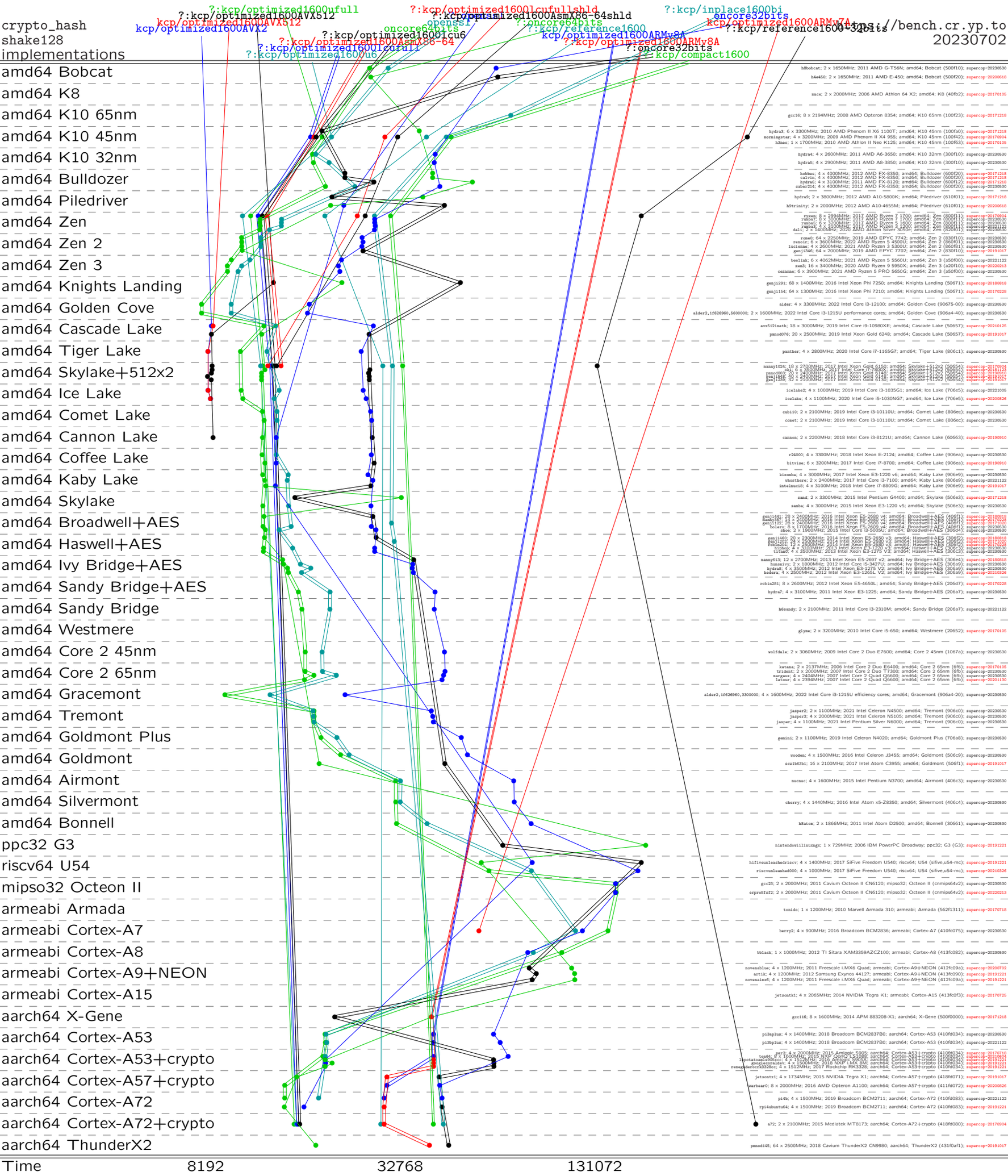
crypto_hash
shake128
implementations
https://bench.cr.yp.to
20230702
?:kcp/optimized1600ufull
?:kcp/optimized1600AVX512
kcp/optimized1600AVX2
?:kcp/optimized1600lcufullshld
?:kcp/optimized1600AsmX86-64shld
?:kcp/optimized16001cu6
?:kcp/optimized1600AsmX86-64
?:kcp/optimized1600lcufull
?:kcp/optimized1600u6
?:kcp/inplace1600bi
encore32bits
kcp/optimized1600ARMv7A
?:kcp/reference1600-32bits
openssl
oncore64bits
?:kcp/reference1600
kcp/optimized1600ARMv8A
?:kcp/optimized1600ARMv8A
?:oncore32bits
?:kcp/compact1600
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
mipso32 Octeon II
armeabi Armada
armeabi Cortex-A7
armeabi Cortex-A8
armeabi Cortex-A9+NEON
armeabi Cortex-A15
aarch64 X-Gene
aarch64 Cortex-A53
aarch64 Cortex-A53+crypto
aarch64 Cortex-A57+crypto
aarch64 Cortex-A72
aarch64 Cortex-A72+crypto
aarch64 ThunderX2
Time
8192
32768
131072