

crypto_aead
aes128poetv1aes128
implementations

T:ni

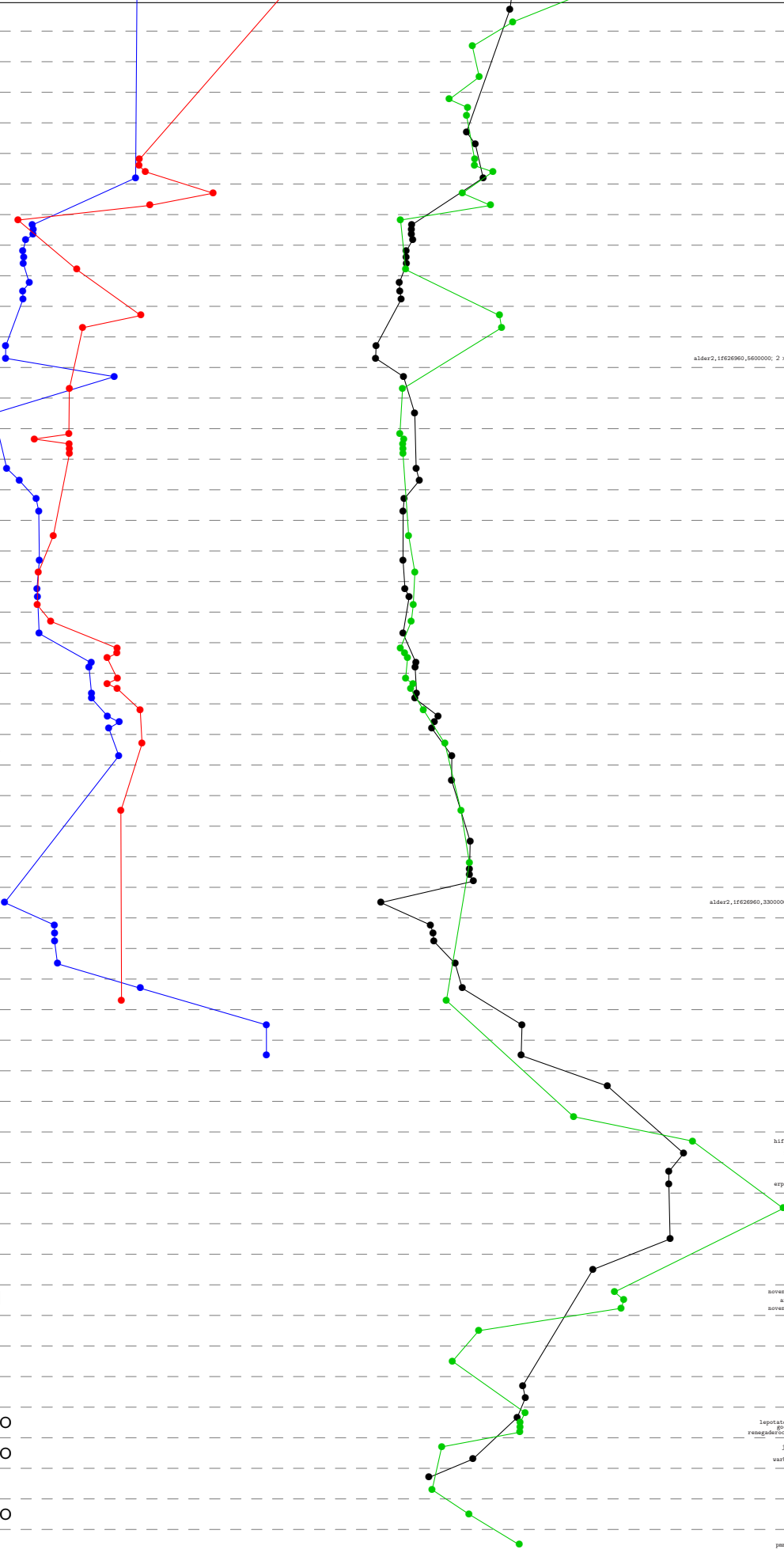
?:ni

T:ref

?:ref

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-Gene
aarch64 Cortex-A53
aarch64 Cortex-A53+crypto
aarch64 Cortex-A57+crypto
aarch64 Cortex-A72
aarch64 Cortex-A72+crypto
aarch64 ThunderX2



bBobcat: 2 x 1650MHz; 2011 AMD G-T56n; amd64; Bobcat (600F10); supercop-20230630
M4650: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (600F20); supercop-20200618
...
amd64; K8 (40f2b); supercop-20170105
...
amd64; K10 32nm (300F10); supercop-20230630
...
amd64; K10 45nm (100f40); supercop-20171218
...
amd64; K10 65nm (100f23); supercop-20171218
...
amd64; Bulldozer (600P20); supercop-20171218
...
amd64; Piledriver (610F11); supercop-20200618
...
amd64; Zen (800H11); supercop-20170855
...
amd64; Zen 2 (830F10); supercop-20230630
...
amd64; Zen 3 (a50F00); supercop-20211221
...
amd64; Knights Landing (50671); supercop-20180818
...
amd64; Golden Cove (90673-00); supercop-20230630
...
amd64; Cascade Lake (50657); supercop-20210126
...
amd64; Tiger Lake (806c1); supercop-20230630
...
amd64; Skylake+512x2 (806e4); supercop-20210122
...
amd64; Ice Lake (706e5); supercop-20221005
...
amd64; Comet Lake (806ec); supercop-20230630
...
amd64; Cannon Lake (906e9); supercop-20230630
...
amd64; Coffee Lake (906e9); supercop-20211222
...
amd64; Kaby Lake (906e9); supercop-20191017
...
amd64; Skylake (506e3); supercop-20171218
...
amd64; Broadwell+AES (406f1); supercop-20180818
...
amd64; Haswell+AES (406f1); supercop-20170228
...
amd64; Ivy Bridge+AES (306e9); supercop-20200618
...
amd64; Sandy Bridge+AES (206a7); supercop-20210228
...
amd64; Sandy Bridge (206a7); supercop-20211222
...
amd64; Westmere (20652); supercop-20170105
...
amd64; Core 2 45nm (1067a); supercop-20230630
...
amd64; Core 2 65nm (606); supercop-20170105
...
amd64; Gracemont (906a4-20); supercop-20230630
...
amd64; Tremont (906c0); supercop-20230630
...
amd64; Goldmont Plus (706a8); supercop-20230630
...
amd64; Goldmont (906c9); supercop-20230630
...
amd64; Airmont (406c3); supercop-20230630
...
amd64; Silvermont (406c4); supercop-20230630
...
amd64; Bonnell (30661); supercop-20230630
...
ppc32; G3 (03); supercop-20191221
...
riscv64; U54 (sifive,u54-mc); supercop-20191221
...
mips32; Oocteon II (cmnips64v2); supercop-20230630
...
armeabi; Armada (562f311); supercop-20170718
...
armeabi; Cortex-A7 (410f075); supercop-20230630
...
armeabi; Cortex-A8 (413fc082); supercop-20230630
...
armeabi; Cortex-A9+NEON (412f09a); supercop-20200702
...
armeabi; Cortex-A15 (413f090); supercop-20191221
...
aarch64; X-Gene (500f000); supercop-20170728
...
aarch64; Cortex-A53 (410f034); supercop-20230630
...
aarch64; Cortex-A53+crypto (410f034); supercop-20211222
...
aarch64; Cortex-A57+crypto (418f071); supercop-20191017
...
aarch64; Cortex-A72 (410f083); supercop-20211222
...
aarch64; Cortex-A72+crypto (418f080); supercop-20190904
...
aarch64; ThunderX2 (431f0a1); supercop-20191017

Time 16384 65536 262144 1048576