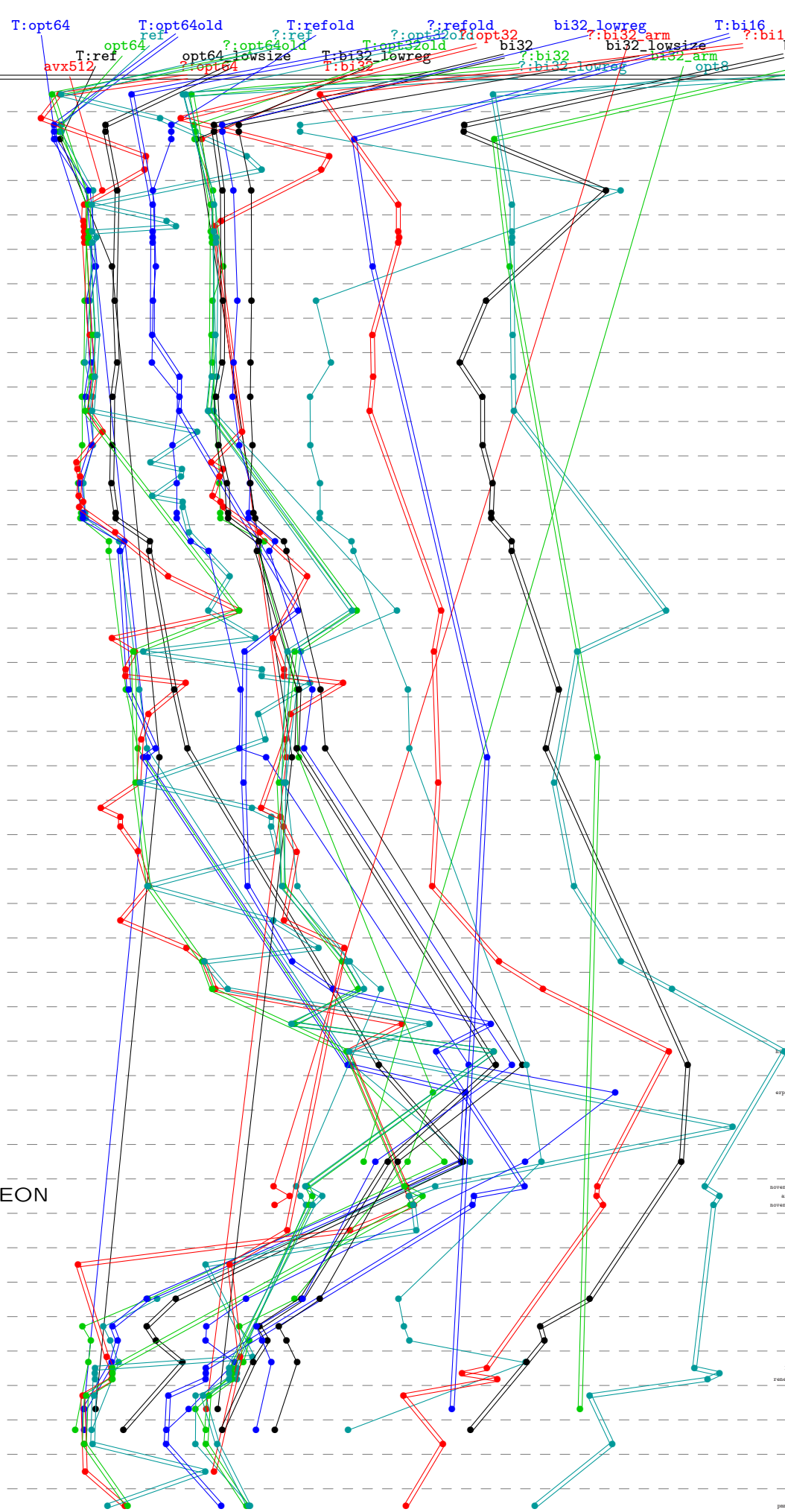


crypto_aead
ascon128v12
implementations
amd64 Zen2
amd64 Zen
amd64 KnLanding
amd64 CascadeLake
amd64 SL+512x2
amd64 IceLake
amd64 CometLake
amd64 CannonLake
amd64 CoffeeLake
amd64 KabyLake
amd64 Skylake
amd64 BW+AES
amd64 HW+AES
amd64 IB+AES
amd64 SB+AES
amd64 Sandy Bridge
amd64 Piledriver
amd64 Bulldozer
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
mips032 Oocton 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



gej1346: 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen2 (830f10); supercop-20191017
ryzen: 8 x 2994MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercop-20170904
ryzen: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercop-20211108
ryzen: 6 x 3200MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercop-20211108
ryzen: 4 x 3100MHz; 2017 AMD Ryzen 3 1200; amd64; Zen (800f11); supercop-20200908
gej1291: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; KnLanding (50671); supercop-20180818
gej1514: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; KnLanding (50671); supercop-201910229
avx512iaat: 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; CascadeLake (50657); supercop-20210126
pms0076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; CascadeLake (50657); supercop-20191017
asay1024: 18 x 2700MHz; 2017 Intel Xeon Gold 6150; amd64; SL+512x2 (50654); supercop-20170904
sl: 6 x 3500MHz; 2017 Intel Core i7-7850X; amd64; SL+512x2 (50654); supercop-20181123
pms0070: 20 x 2400MHz; 2017 Intel Xeon Gold 6148; amd64; SL+512x2 (50654); supercop-20191017
gej1548: 40 x 2400MHz; 2017 Intel Xeon Gold 6148; amd64; SL+512x2 (50654); supercop-20191017
gej1239: 32 x 2100MHz; 2017 Intel Xeon Gold 6130; amd64; SL+512x2 (50654); supercop-20191017
icelake: 4 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; IceLake (70e65); supercop-202001108
comet: 2 x 2100MHz; 2019 Intel Core i9-10110U; amd64; CometLake (806ec); supercop-20211108
cannon: 2 x 2200MHz; 2018 Intel Core i9-8121U; amd64; CannonLake (60663); supercop-20190910
r2000: 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; CoffeeLake (906ea); supercop-20211108
bitwise: 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; CoffeeLake (906ea); supercop-20190910
k10mba: 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; KabyLake (906e9); supercop-20211108
intelauric: 4 x 3100MHz; 2018 Intel Core i7-8809G; amd64; KabyLake (906e9); supercop-20191017
sand: 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506e3); supercop-20171218
saaba: 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506e3); supercop-20211108
gej1444: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercop-20180818
asay087: 14 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercop-20170228
gej1122: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercop-20171020
bakera: 8 x 1700MHz; 2016 Intel Xeon E5-2609 v5; amd64; BW+AES (406f1); supercop-20211108
gej1440: 20 x 2700MHz; 2014 Intel Xeon E5-2650 v3; amd64; HW+AES (306f2); supercop-20180818
gej1202: 24 x 2500MHz; 2014 Intel Xeon E5-2680 v3; amd64; HW+AES (306f2); supercop-20171020
riscv04: 12 x 2500MHz; 2014 Intel Xeon E5-2680 v2; amd64; HW+AES (306f2); supercop-20171218
bitpage: 4 x 3100MHz; 2013 Intel Xeon E3-1220 v3; amd64; HW+AES (306f3); supercop-20211108
11lav: 4 x 3000MHz; 2013 Intel Xeon E3-1272 v3; amd64; HW+AES (306f3); supercop-20211108
asay013: 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; IB+AES (306e4); supercop-20180818
bakera: 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; IB+AES (306e9); supercop-20210926
hydra: 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; IB+AES (306e9); supercop-20211108
robis281: 8 x 2600MHz; 2012 Intel Xeon E5-4550L; amd64; SB+AES (206d7); supercop-20190228
h6aandy: 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (206a7); supercop-20200618
hydra: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f01); supercop-20171218
lbrxiaty: 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610f01); supercop-20200618
bobba: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218
caliva: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218
hydra: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600f12); supercop-20171218
saber214: 4 x 4000MHz; 2011 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20211108
glyna: 2 x 3200MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); supercop-201710105
kataka: 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; C2 65nm (6f6); supercop-201710105
nagasa: 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20211108
lavor: 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20211108
hydra: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercop-20191221
hydra: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100f60); supercop-20171218
asay049: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100f42); supercop-20170904
hbaea: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100f63); supercop-201710105
gec16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100f23); supercop-20171218
scv163b1: 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); supercop-20191017
naa: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40f82); supercop-201710105
hbocat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (500f10); supercop-20171218
h4e50: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500f20); supercop-20200618
h8ata: 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Atom (306e1); supercop-20200618
nintendovillainz: 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); supercop-20191221
veumleahedrcsv: 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sfive,u54-mc); supercop-20191221
riscvulaaah8000: 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sfive,u54-mc); supercop-20210926
eprofzsf2: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mips032; Octeon II (cnmip64v2); supercop-20211108
tsaido: 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (560f1311); supercop-20170718
berry2: 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410f075); supercop-20210604
sorevaab1w: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercop-20200702
artik: 4 x 1200MHz; 2012 Samsung Exynos 4412; armeabi; Cortex-A9+NEON (413f090); supercop-20191221
sorevaia6: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercop-20191221
jetsontai: 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413f0f3); supercop-20170725
gec116: 8 x 1600MHz; 2014 APM 88320B-X1; aarch64; X-Gene (500f000); supercop-20171218
gec181: 32 x 3300MHz; 2018 Ampere eMAG i80; aarch64; Skylark (503f002); supercop-20211108
pi3plu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410f034); supercop-20211108
pi3plu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410f034); supercop-20210604
jaro: 4 x 2000MHz; 2015 Amlogic S905; aarch64; A53+crypto (410f034); supercop-20170718
twa6: 8 x 1600MHz; 2015 NXP QorIQ LS1088; aarch64; A53+crypto (410f034); supercop-20210604
1epctat0a19f6a: 4 x 1700MHz; 2016 Amlogic S905; aarch64; A53+crypto (410f034); supercop-20191221
geoplcra1aiv: 4 x 1500MHz; 2018 NXP i.MX 8M; aarch64; A53+crypto (410f034); supercop-20191221
rmegeatckk3282c: 4 x 1512MHz; 2017 Rockchip RK3288; aarch64; A53+crypto (410f034); supercop-20191221
jetsontai: 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; A57+crypto (418f071); supercop-20191017
varbae0: 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; A57+crypto (411f072); supercop-20200826
pi4b: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410f083); supercop-20211108
rpi4bubatu6: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410f083); supercop-20191221
a72: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; A72+crypto (418f080); supercop-20170904
pms0145: 64 x 2500MHz; 2018 Cavium ThunderX2 CN980; aarch64; ThunderX2 (431f0f1); supercop-20191017