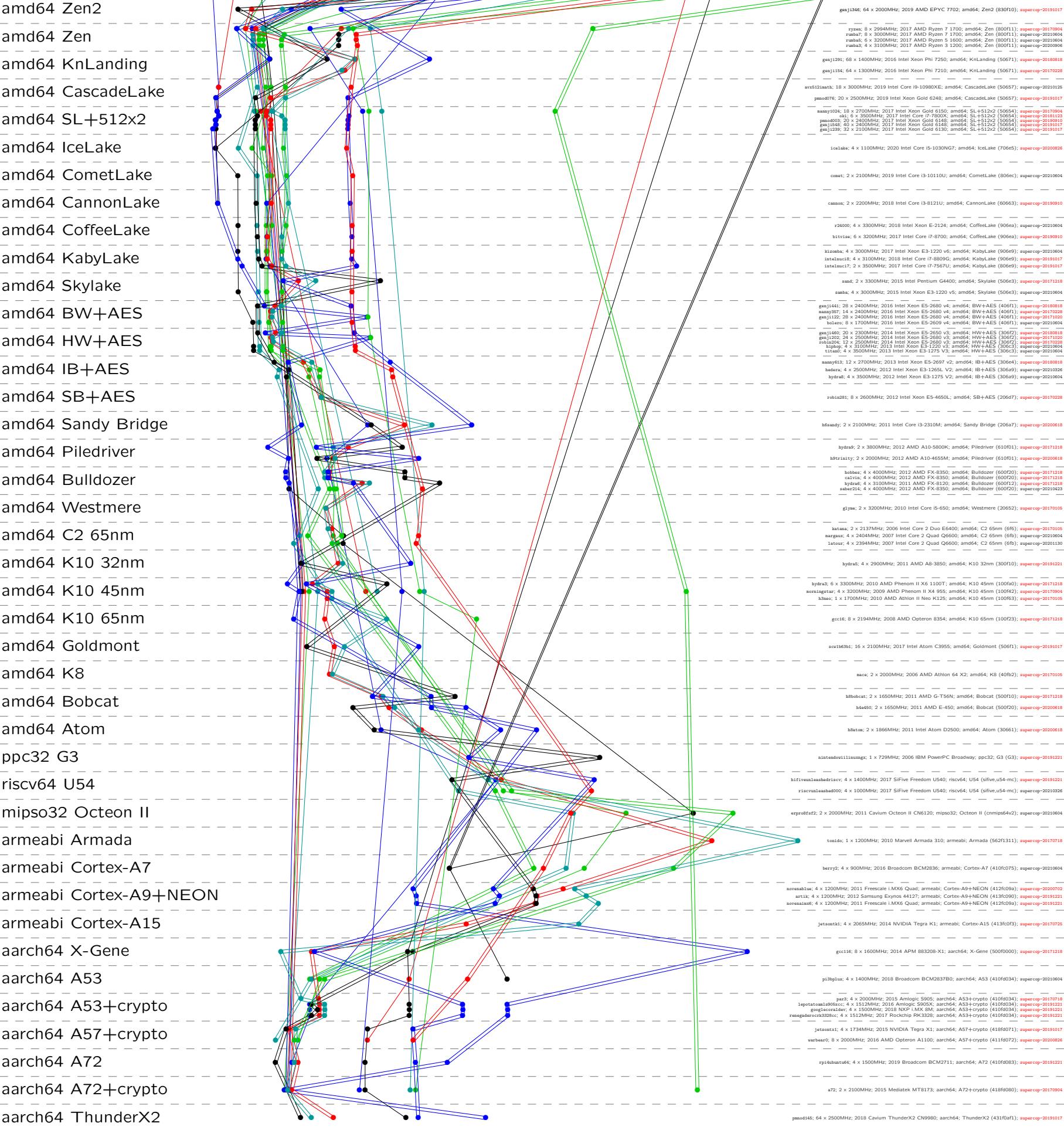


? :kcp/optimized1600u6 oncore64bkts/optimized1600AsmX86-64singlefile_unrollkcp/compact1600
? :kcp/optimized1600ufull openssl_gil/singlefile_unrollkcp ? :kcp/reference1600 ? :oncore32bits
? :kcp/optimized1600u6 oncore64bkts/optimized1600AsmX86-64usekcp ? :gil/singlefile_unrollkcp/optimized1600ARMv8oncore32bits
kcp/optimized1600u6 oncore64bkts/optimized1600AsmX86-64singlefile_unrollkcp/compact1600
kcp/optimized1600u6 oncore64bkts/optimized1600AsmX86-64singlefile_unrollkcp/compact1600



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
ruba7: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercop-20210604
ruba3: 6 x 3200MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercop-20210604
ruba2: 4 x 3100MHz; 2017 AMD Ryzen 3 1200; amd64; Zen (800f11); supercop-20209006
gej1291: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; KnLanding (5067f1); supercop-20180818
gej1154: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; KnLanding (5067f1); supercop-20170228
av5121aath: 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; CascadeLake (50657f); supercop-20210126
pna0076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; CascadeLake (50657f); supercop-20191017
naany1024: 18 x 2700MHz; 2017 Intel Xeon Gold 6150; amd64; SL+512x2 (50654f); supercop-20170904
naa: 6 x 3000MHz; 2017 Intel Core i7-7800K; amd64; SL+512x2 (50654f); supercop-20181123
pna0020: 20 x 2400MHz; 2017 Intel Xeon Gold 6148; amd64; SL+512x2 (50654f); supercop-20190910
gej1158: 40 x 2400MHz; 2017 Intel Xeon Gold 6148; amd64; SL+512x2 (50654f); supercop-20191017
gej1239: 32 x 2100MHz; 2017 Intel Xeon Gold 6130; amd64; SL+512x2 (50654f); supercop-20191017
loclake: 4 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; IceLake (706e5f); supercop-20200826
comet: 2 x 2100MHz; 2019 Intel Core i9-10110U; amd64; CometLake (806ecf); supercop-20210604
cannon: 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; CannonLake (60663f); supercop-20190910
r2400: 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; CoffeeLake (906ea); supercop-20210604
bitvis6: 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; CoffeeLake (906ea); supercop-20190910
kizamba: 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; KabyLake (906e9f); supercop-20210604
instalact1: 4 x 3100MHz; 2018 Intel Core i7-8600K; amd64; KabyLake (906e9f); supercop-20191017
instalact17: 2 x 3500MHz; 2017 Intel Core i7-7567U; amd64; KabyLake (906e9f); supercop-20191017
saad: 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506e3f); supercop-20171218
saaba: 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506e3f); supercop-20210604
gej1441: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1f); supercop-20180818
naany387: 14 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1f); supercop-20170228
gej1122: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1f); supercop-20171020
bakera: 8 x 1700MHz; 2016 Intel Xeon E5-2609 v4; amd64; BW+AES (406f1f); supercop-20210604
gej1160: 20 x 2300MHz; 2014 Intel Xeon E5-2650 v3; amd64; HW+AES (30672f); supercop-20180818
gej1202: 24 x 2500MHz; 2014 Intel Xeon E5-2680 v3; amd64; HW+AES (30672f); supercop-20171020
ruba104: 12 x 2500MHz; 2014 Intel Xeon E5-2680 v3; amd64; HW+AES (30672f); supercop-20170228
pipap: 4 x 3100MHz; 2013 Intel Xeon E3-1220 v3; amd64; HW+AES (306c3f); supercop-20210604
l1aaw: 4 x 3000MHz; 2013 Intel Xeon E3-1275 v3; amd64; HW+AES (306c3f); supercop-20210604
naany13: 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; IB+AES (30644f); supercop-20180818
bakera: 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; IB+AES (30649f); supercop-20210326
hydra8: 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; IB+AES (30649f); supercop-20210604
ruba281: 8 x 2600MHz; 2012 Intel Xeon E5-4650L; amd64; SB+AES (20647f); supercop-20170229
h6saandy: 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (20647f); supercop-20200618
hydra9: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f01); supercop-20171218
h3trinity: 2 x 2000MHz; 2012 AMD A10-4650M; amd64; Piledriver (610f01); supercop-20200618
bobba: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218
naany387: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218
hydra6: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600f20); supercop-20171218
saber214: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20210423
glyw: 2 x 3300MHz; 2010 Intel Core i5-650; amd64; Westmere (20652f); supercop-20170105
katana: 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; C2 65nm (6f6); supercop-20170105
naany4: 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20210604
latour: 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20201130
hydra5: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercop-20191221
hydra3: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100fa0); supercop-20171218
naany12: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100fa2); supercop-20170904
hbae: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100f63); supercop-20170105
gcc16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100f23); supercop-20171218
soulm3h1: 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1f); supercop-20191017
nae: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercop-20170105
h3bobcat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (500f10); supercop-20171218
h4450: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500f20); supercop-20200618
h3atom: 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Atom (30661f); supercop-20200618
nintendovillainzug: 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); supercop-20191221
h3fiveuae54mc: 4 x 1400MHz; 2017 SiFive Freedom U54; riscv64; U54 (sifive,u54-mc); supercop-20191221
riscvuae54mc000: 4 x 1000MHz; 2017 SiFive Freedom U54; riscv64; U54 (sifive,u54-mc); supercop-20210326
epproffs2: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mips32; Octeon II (cmips64v2); supercop-20210604
texas1: 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f311); supercop-20170718
berry2: 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410cf075); supercop-20210604
naany14: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (413cf09a); supercop-20200702
artik: 4 x 1200MHz; 2012 Samsung Exynos 4412; armeabi; Cortex-A9+NEON (413cf090); supercop-20191221
naany16: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412cf09a); supercop-20191221
jatsont1: 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413cf0f3); supercop-20170725
gcc116: 8 x 1600MHz; 2014 APM 883208-X1; aarch64; X-Gene (500f0000); supercop-20171218
pi3plus: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410fd034); supercop-20210604
par3: 4 x 2000MHz; 2015 Amlogic S905; aarch64; A53+crypto (410fd034); supercop-20170718
1epostas9098cc: 4 x 1512MHz; 2016 Amlogic S905X; aarch64; A53+crypto (410fd034); supercop-20191221
grogfacaalber: 4 x 1500MHz; 2018 Rockchip RK3328; aarch64; A53+crypto (410fd034); supercop-20191221
rengaderocr3328cc: 4 x 1512MHz; 2017 Rockchip RK3328; aarch64; A53+crypto (410fd034); supercop-20191221
jatsont1: 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; A57+crypto (418fd071); supercop-20191017
warbear0: 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; A57+crypto (4118fd72); supercop-20200826
rpi4a64u64: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410fd083); supercop-20191221
a72: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; A72+crypto (418fd080); supercop-20170904
pna0145: 64 x 2500MHz; 2018 Cavium ThunderX2 CN980; aarch64; ThunderX2 (431f0af1); supercop-20191017