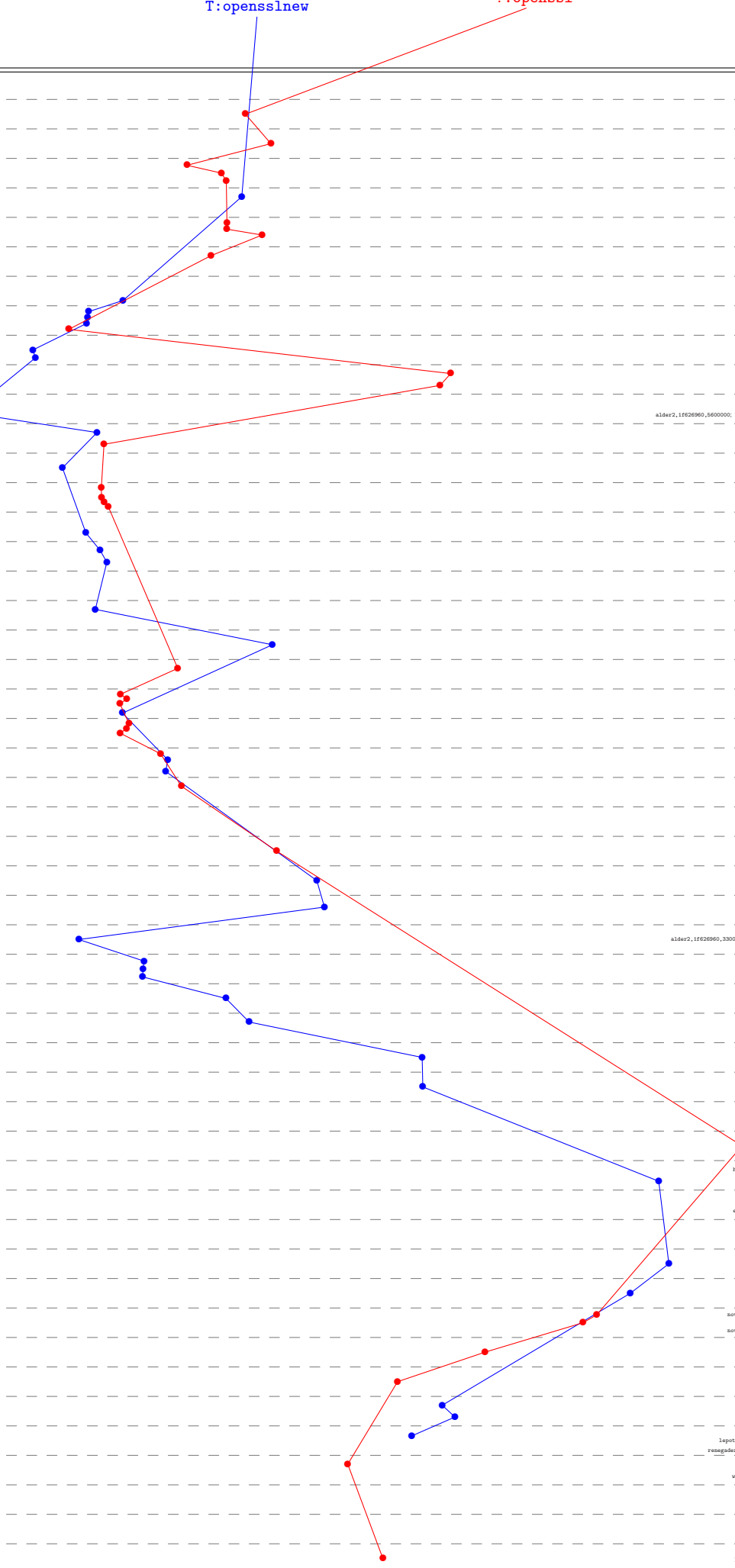


crypto\_sign  
ronald768  
implementations  
amd64 Bobcat  
amd64 K8  
amd64 K10 65nm  
amd64 K10 45nm  
amd64 K10 32nm  
amd64 Bulldozer  
amd64 Piledriver  
amd64 Zen  
amd64 Zen 2  
amd64 Zen 3  
amd64 Knights Landing  
amd64 Golden Cove  
amd64 Cascade Lake  
amd64 Tiger Lake  
amd64 Skylake+512x2  
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



<https://bench.cr.yp.to>  
20230702

bhobcat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (500f10); supercup-20230630
m4e50: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500f20); supercup-20200618
nac: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercup-20170105
gcc16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100f23); supercup-20171218
hydra3: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100fa0); supercup-20171218
sonnigstar: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100fa2); supercup-20170904
hdacw: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100fb3); supercup-20170105
hydra4: 4 x 2600MHz; 2011 AMD A6-3650; amd64; K10 32nm (300f10); supercup-20230630
hydra5: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercup-20230630
bobcat: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (500f20); supercup-20171218
calvin: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (500f20); supercup-20171218
hydra6: 4 x 3100MHz; 2013 AMD FX-8120; amd64; Bulldozer (500f12); supercup-20171218
shawr210: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (500f20); supercup-20230630
hydra9: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f01); supercup-20171218
fpriority: 2 x 2000MHz; 2012 AMD A10-6650M; amd64; Piledriver (610f01); supercup-20200618
r2eae: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercup-20170825
r2eab: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercup-20170825
r2eac: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercup-20170825
r2ead: 4 x 3100MHz; AV10 AMD Ryzen 3 1300; amd64; Zen (800f11); supercup-20221122
r2eaf: 4 x 3100MHz; AV10 AMD Ryzen 3 1300; amd64; Zen (800f11); supercup-20221122
dali: 2 x 1800MHz; 2019 AMD Athlon Silver E2; amd64; Zen (830f01); supercup-20211017
r2eae: 64 x 2250MHz; 2019 AMD EPYC 7742; amd64; Zen 2 (830f10); supercup-20230630
r2ead: 6 x 3000MHz; 2022 AMD Ryzen 5 4500U; amd64; Zen 2 (850f01); supercup-20230630
lactance: 4 x 2600MHz; 2021 AMD Ryzen 9 9950X; amd64; Zen 2 (830f11); supercup-20230630
gwj1346: 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen 2 (830f10); supercup-20191017
baseline: 6 x 4025MHz; 2021 AMD Ryzen 5 5600U; amd64; Zen 3 (a50f00); supercup-20211221
san: 16 x 3400MHz; 2020 AMD Ryzen 9 9900X; amd64; Zen 3 (a50f10); supercup-20220312
cezaea: 6 x 3900MHz; 2021 AMD Ryzen 5 PRO 5650G; amd64; Zen 3 (a50f00); supercup-20230630
gwj1291: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; Knights Landing (50671); supercup-20180818
gwj1154: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; Knights Landing (50671); supercup-20170228
alder: 4 x 3300MHz; 2022 Intel Core i3-12100; amd64; Golden Cove (90673-00); supercup-20230630
alder2:1f62690,5600000; 2 x 1600MHz; 2022 Intel Core i3-1215U performance cores; amd64; Golden Cove (90644-40); supercup-20230630
avx512aah: 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; Cascade Lake (50657); supercup-20201126
jeno4076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; Cascade Lake (50657); supercup-20191017
panther: 4 x 2800MHz; 2020 Intel Core i7-1165G7; amd64; Tiger Lake (806c1); supercup-20230630
sanmy1004: 18 x 2100MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake+1700 (806a1); supercup-20170825
panther: 8 x 2500MHz; 2017 Intel Core i7-9750; amd64; Skylake+1700 (806a1); supercup-20181121
panther: 8 x 2500MHz; 2017 Intel Core i7-9750; amd64; Skylake+1700 (806a1); supercup-20181121
gwj1348: 50 x 2400MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake+1700 (806a1); supercup-20191017
gwj1349: 50 x 2400MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake+1700 (806a1); supercup-20191017
icelake2: 4 x 1000MHz; 2019 Intel Core i3-1035G1; amd64; Ice Lake (706e5); supercup-20221005
icelake: 4 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; Ice Lake (706e5); supercup-20200626
cus10: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); supercup-20230630
cosat: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); supercup-20230630
canon: 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; Cannon Lake (90663); supercup-20190910
r2600: 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; Coffee Lake (906e4); supercup-20230630
blitvia: 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; Coffee Lake (906e4); supercup-20190910
kizamba: 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; Kaby Lake (906e9); supercup-20230630
shoshara: 2 x 2400MHz; 2017 Intel Core i3-7100; amd64; Kaby Lake (906e9); supercup-20211221
italacui1: 4 x 3100MHz; 2018 Intel Core i7-8809G; amd64; Kaby Lake (906e9); supercup-20191017
saad: 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506c3); supercup-20171218
saaba: 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506c3); supercup-20230630
gwj1164: 28 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); supercup-20180818
sanj1757: 18 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); supercup-20170228
sanj1758: 18 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); supercup-20170228
blon: 4 x 1900MHz; 2015 Intel Core i3-5005A1; amd64; Broadwell+AES (506d4); supercup-20230630
blon: 4 x 1900MHz; 2015 Intel Core i3-5005A1; amd64; Broadwell+AES (506d4); supercup-20230630
gwj1165: 20 x 2000MHz; 2014 Intel Xeon E5-2650 v3; amd64; Haswell+AES (306e1); supercup-20190910
hml1024: 12 x 2000MHz; 2013 Intel Xeon E3-1275 V2; amd64; Haswell+AES (306e1); supercup-20191017
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