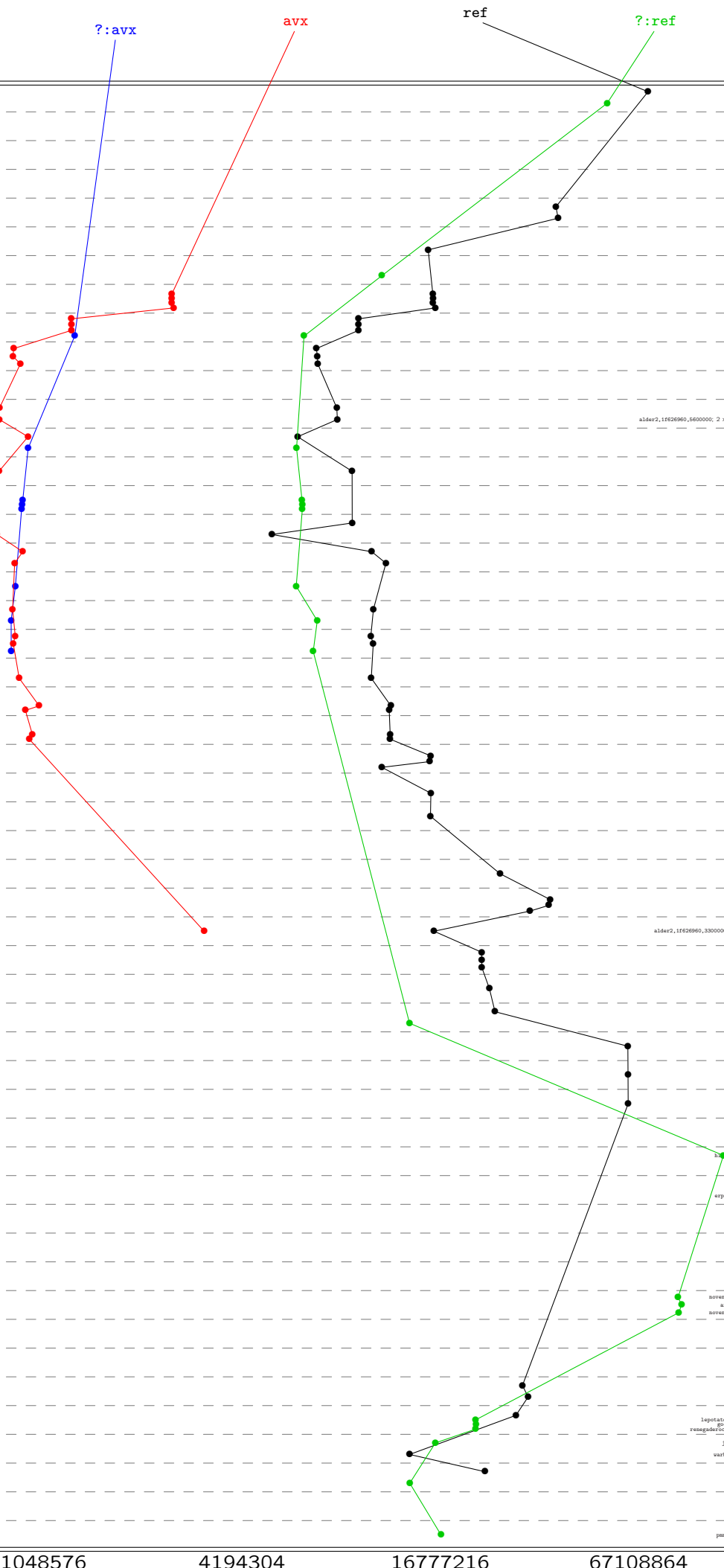


- crypto\_core
- invsntnrup857
- implementations
- amd64 Bobcat
- amd64 K8
- amd64 K10 65nm
- amd64 K10 45nm
- amd64 K10 32nm
- amd64 Bulldozer
- amd64 Piledriver
- amd64 Zen
- amd64 Zen 2
- amd64 Zen 3
- amd64 Knights Landing
- amd64 Golden Cove
- amd64 Cascade Lake
- amd64 Tiger Lake
- amd64 Skylake+512x2
- 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
- mipso32 Octeon II
- armeabi Armada
- armeabi Cortex-A7
- armeabi Cortex-A8
- armeabi Cortex-A9+NEON
- armeabi Cortex-A15
- aarch64 X-Gen
- aarch64 Cortex-A53
- aarch64 Cortex-A53+crypto
- aarch64 Cortex-A57+crypto
- aarch64 Cortex-A72
- aarch64 Cortex-A72+crypto
- aarch64 ThunderX2



hBobcat: 2 x 1650MHz; 2011 AMD G-T56n; amd64; Bobcat (500F10); [supersep-20203630](#)  
 h4e50; 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500F20); [supersep-20200618](#)

sac; 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40Fb2); [supersep-20171005](#)

gc16; 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100F23); [supersep-20171218](#)

hydra3; 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100F40); [supersep-20171218](#)  
 sornigstar; 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100F42); [supersep-20170904](#)  
 h3aw; 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100F63); [supersep-20171005](#)

hydra4; 4 x 2600MHz; 2011 AMD A8-3850; amd64; K10 32nm (300F10); [supersep-20203630](#)  
 hydra5; 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300F10); [supersep-20203630](#)

bobcat; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600F20); [supersep-20171218](#)  
 calvin; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600F20); [supersep-20171218](#)  
 hydra4; 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600F12); [supersep-20171218](#)  
 sawer216; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600F20); [supersep-20203630](#)

hydra7; 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610F11); [supersep-20171218](#)  
 hydra7; 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610F11); [supersep-20200618](#)

hydra8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); [supersep-20203630](#)  
 hydra8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); [supersep-20203630](#)  
 hydra8; 4 x 3100MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); [supersep-20203630](#)  
 hydra8; 4 x 3100MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); [supersep-20203630](#)  
 dal; 2 x 3100MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); [supersep-20210219](#)

rome; 64 x 2750MHz; 2019 AMD EPYC 7742; amd64; Zen 2 (830F10); [supersep-20203630](#)  
 rome; 6 x 3000MHz; 2022 AMD Ryzen 5 4500U; amd64; Zen 2 (860H01); [supersep-20203630](#)  
 lacienne; 4 x 2600MHz; 2021 AMD Ryzen 9 5950X; amd64; Zen 3 (820F10); [supersep-20203630](#)  
 gwj1346; 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen 2 (830F10); [supersep-20191017](#)

bealinc; 6 x 4062MHz; 2021 AMD Ryzen 5 5600U; amd64; Zen 3 (a50F00); [supersep-20211122](#)  
 sash; 16 x 3400MHz; 2020 AMD Ryzen 9 5900X; amd64; Zen 3 (a20F10); [supersep-20203630](#)  
 cesame; 6 x 3900MHz; 2021 AMD Ryzen 5 PRO 5650G; amd64; Zen 3 (a50F00); [supersep-20203630](#)

gwj1291; 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; Knights Landing (50671); [supersep-20180818](#)  
 gwj1154; 64 x 1300MHz; 2016 Intel Xeon Phi 7250; amd64; Knights Landing (50671); [supersep-20170228](#)

alder; 4 x 3300MHz; 2022 Intel Core i3-12100; amd64; Golden Cove (90673-00); [supersep-20203630](#)  
 alder; 21f62e990,5600000; 2 x 1600MHz; 2022 Intel Core i3-1215U performance cores; amd64; Golden Cove (906A4-40); [supersep-20203630](#)

avx12126; 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; Cascade Lake (50657); [supersep-20201126](#)  
 pm40876; 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; Cascade Lake (50657); [supersep-20191017](#)

panther; 4 x 2800MHz; 2020 Intel Core i7-1165G7; amd64; Tiger Lake (806c1); [supersep-20203630](#)

sandy1024; 18 x 2100MHz; 2017 Intel Core i7-6700; amd64; Skylake-E (706c4); [supersep-20171010](#)  
 sandy1024; 8 x 2800MHz; 2017 Intel Core i7-6700; amd64; Skylake-E (706c4); [supersep-20191121](#)  
 sandy1024; 8 x 2800MHz; 2017 Intel Core i7-6700; amd64; Skylake-E (706c4); [supersep-20203630](#)  
 gwj1158; 20 x 2100MHz; 2017 Intel Core i7-6700; amd64; Skylake-E (706c4); [supersep-20191017](#)  
 gwj1158; 20 x 2100MHz; 2017 Intel Core i7-6700; amd64; Skylake-E (706c4); [supersep-20203630](#)

icelake2; 4 x 1000MHz; 2019 Intel Core i3-1035G1; amd64; Ice Lake (706e5); [supersep-20221005](#)  
 icelake; 2 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; Ice Lake (706e5); [supersep-20200626](#)

cuis10; 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); [supersep-20203630](#)  
 cuis; 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); [supersep-20203630](#)

cannon; 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; Cannon Lake (90663); [supersep-20190910](#)

r2600; 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; Coffee Lake (906a3); [supersep-20203630](#)  
 bitvisx; 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; Coffee Lake (906a3); [supersep-20190910](#)

kabya; 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; Kaby Lake (906e9); [supersep-20203630](#)  
 shouhara; 2 x 2400MHz; 2017 Intel Core i3-7120; amd64; Kaby Lake (906e9); [supersep-20221122](#)  
 instalau18; 4 x 3100MHz; 2018 Intel Core i7-8809G; amd64; Kaby Lake (906e9); [supersep-20191017](#)

sandy; 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506c3); [supersep-20171218](#)  
 saaba; 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506c3); [supersep-20203630](#)

gm11441; 28 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); [supersep-20180818](#)  
 Bantyl72; 18 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); [supersep-20170228](#)  
 RAV; 18 x 2400MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (406f1); [supersep-20203630](#)  
 bolser; 18 x 1700MHz; 2016 Intel Xeon E5-2650 v4; amd64; Broadwell+AES (506d4); [supersep-20203630](#)  
 sash; 2 x 1900MHz; 2015 Intel Core i3-5005G1; amd64; Broadwell+AES (506d4); [supersep-20203630](#)

gm11465; 20 x 2200MHz; 2014 Intel Xeon E5-2650 v3; amd64; Haswell+AES (306e1); [supersep-20190910](#)  
 Intel Core i3-4130; 2012 Intel Xeon E3-1275 V2; amd64; Haswell+AES (306e1); [supersep-20203630](#)  
 Haswell; 4 x 3100MHz; 2013 Intel Xeon E3-1275 V2; amd64; Haswell+AES (306e1); [supersep-20203630](#)  
 iand; 4 x 2800MHz; 2012 Intel Xeon E3-1265L V2; amd64; Haswell+AES (306e1); [supersep-20203630](#)

sandyv13; 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; Ivy Bridge+AES (306e4); [supersep-20180818](#)  
 hamsivty; 2 x 1800MHz; 2012 Intel Core i5-3427U; amd64; Ivy Bridge+AES (306e9); [supersep-20203630](#)  
 hydra6; 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; Ivy Bridge+AES (306e9); [supersep-20203630](#)  
 bedara; 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; Ivy Bridge+AES (306e9); [supersep-20210326](#)

robia281; 8 x 2000MHz; 2012 Intel Xeon E5-4650L; amd64; Sandy Bridge+AES (206d7); [supersep-20170228](#)  
 hydra7; 4 x 3100MHz; 2011 Intel Xeon E3-1225; amd64; Sandy Bridge+AES (206d7); [supersep-20203630](#)

h6sandy; 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (206a7); [supersep-20221122](#)

glysw; 2 x 3200MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); [supersep-20171005](#)

voirdale; 2 x 3000MHz; 2009 Intel Core 2 Duo E7600; amd64; Core 2 45nm (1067a); [supersep-20203630](#)

kstana; 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; Core 2 65nm (6f6); [supersep-20171005](#)  
 trsdant; 2 x 2000MHz; 2007 Intel Core 2 Duo T7300; amd64; Core 2 65nm (6fb); [supersep-20203630](#)  
 aargard; 4 x 2604MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (6fb); [supersep-20203630](#)  
 lafour; 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (6fb); [supersep-20201130](#)

alder2; 1f62e990,3300000; 4 x 1600MHz; 2022 Intel Core i3-1215U efficiency cores; amd64; Gracemont (906A4-20); [supersep-20203630](#)

jasper2; 2 x 1100MHz; 2021 Intel Celeron N4500; amd64; Tremont (906c0); [supersep-20203630](#)  
 jasper3; 4 x 2000MHz; 2021 Intel Celeron N5105; amd64; Tremont (906c0); [supersep-20203630](#)  
 jasper; 4 x 1100MHz; 2021 Intel Pentium Silver N6000; amd64; Tremont (906c0); [supersep-20203630](#)

gemini; 2 x 1100MHz; 2019 Intel Celeron N4020; amd64; Goldmont Plus (706a8); [supersep-20203630](#)  
 wooden; 4 x 1500MHz; 2016 Intel Atom C3455; amd64; Goldmont (506c9); [supersep-20203630](#)  
 sov1M8h1; 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); [supersep-20191017](#)

mmccc; 4 x 1600MHz; 2015 Intel Pentium N3700; amd64; Airmont (406c3); [supersep-20203630](#)

cherry; 4 x 1440MHz; 2016 Intel Atom i5-Z8350; amd64; Silvermont (406c4); [supersep-20203630](#)

hbaton; 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Bonnell (306f1); [supersep-20203630](#)

alntendokillluzung; 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); [supersep-20191221](#)

usmaushabdriscv; 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); [supersep-20191221](#)  
 riscvnaashab0000; 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); [supersep-20210326](#)

gcc23; 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cnmips64v2); [supersep-20203630](#)  
 erpfroffz2; 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cnmips64v2); [supersep-20220213](#)

teside; 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f311); [supersep-20170718](#)

berry2; 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410f075); [supersep-20203630](#)

hblack; 1 x 1000MHz; 2012 TI Sitara XAM3359AZCZ100; armeabi; Cortex-A8 (413f082); [supersep-20203630](#)

novenblaw; 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); [supersep-20200702](#)  
 artix; 4 x 1200MHz; 2012 Samsung Exynos 44127; armeabi; Cortex-A9+NEON (413f090); [supersep-20191221](#)  
 noveasax; 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); [supersep-20191221](#)

jetsonrtx1; 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413f0f3); [supersep-20170728](#)

gcc18; 8 x 1600MHz; 2014 APM 88320B-X1; aarch64; X-Gen (500F000); [supersep-20171218](#)

pi3splus; 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); [supersep-20203630](#)  
 pi3splus; 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); [supersep-20221122](#)

leeds; 4 x 1500MHz; 2015 ARMv8-A 500; aarch64; Cortex-A53+crypto (410f034); [supersep-20170728](#)  
 leeds; 4 x 1500MHz; 2015 ARMv8-A 500; aarch64; Cortex-A53+crypto (410f034); [supersep-20203630](#)  
 leeds; 4 x 1500MHz; 2015 ARMv8-A 500; aarch64; Cortex-A53+crypto (410f034); [supersep-20191221](#)  
 rnsagecic93900; 4 x 1812MHz; 2011 Rockchip RK3288; aarch64; Cortex-A53+crypto (410f034); [supersep-20191221](#)

jetsonrtx1; 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; Cortex-A57+crypto (418f071); [supersep-20191017](#)  
 warbear; 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; Cortex-A57+crypto (411f072); [supersep-20200626](#)

pi4b; 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); [supersep-20221122](#)  
 rpi4bun64; 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); [supersep-20191221](#)

at2; 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; Cortex-A72+crypto (418f080); [supersep-20170904](#)

pmo145; 64 x 2500MHz; 2018 Cavium ThunderX2 CN9980; aarch64; ThunderX2 (431f0af1); [supersep-20191017](#)