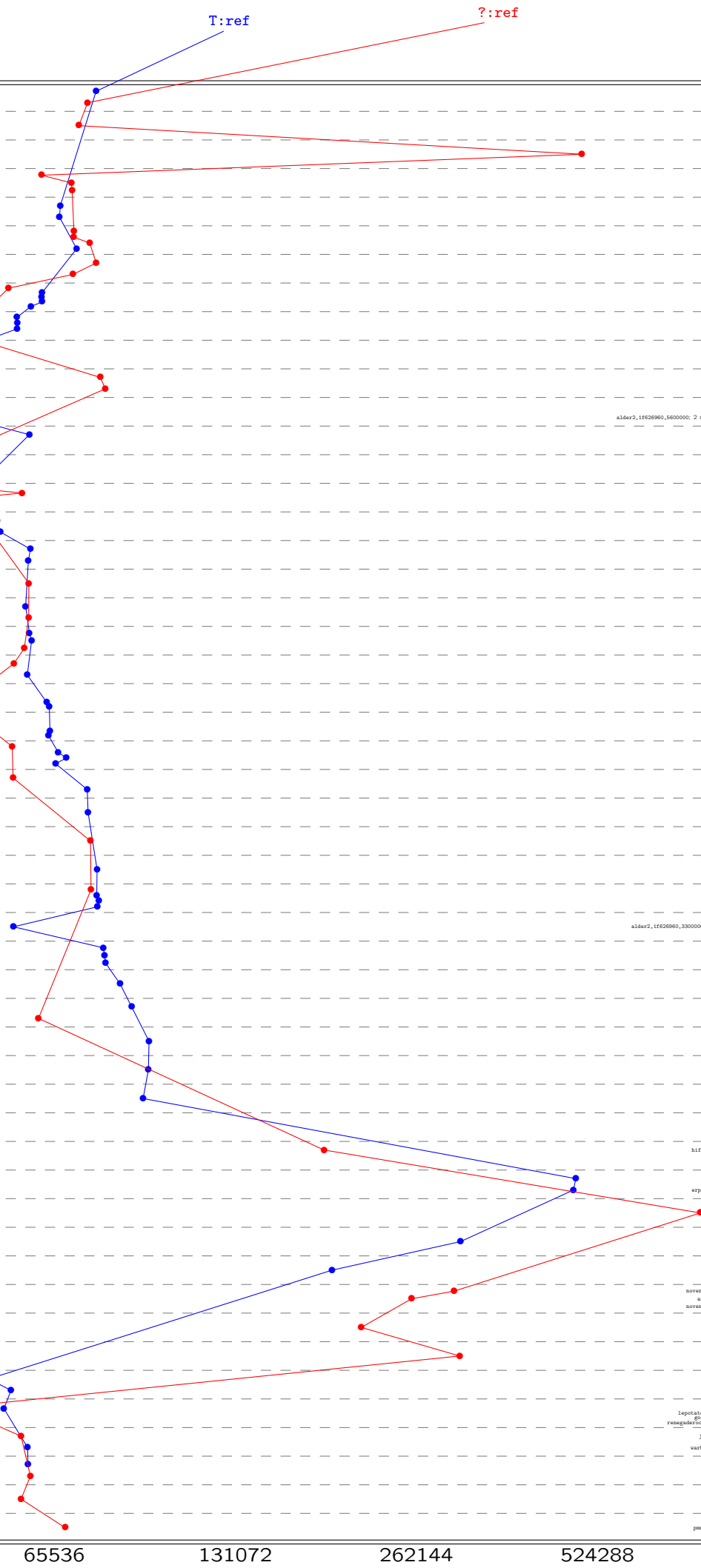


crypto_aead
wheesh1vr5fr7t256
implementations
amd64 Bobcat
amd64 K8
amd64 K10 65nm
amd64 K10 45nm
amd64 K10 32nm
amd64 Bulldozer
amd64 Piledriver
amd64 Zen
amd64 Zen 2
amd64 Zen 3
amd64 Knights Landing
amd64 Golden Cove
amd64 Cascade Lake
amd64 Tiger Lake
amd64 Skylake+512x2
amd64 Ice Lake
amd64 Comet 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-Gene
aarch64 Cortex-A53
aarch64 Cortex-A53+crypto
aarch64 Cortex-A57+crypto
aarch64 Cortex-A72
aarch64 Cortex-A72+crypto
aarch64 ThunderX2



https://bench.cr.y.p.to
20230702

hBobcat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (600F10); supercp-20230630
h4650: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (600F20); supercp-20200618

mac: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercp-20170105

gcc16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100r23); supercp-20171218

hydra3: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100fa0); supercp-20171218
soningstar: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100fa2); supercp-20170904
h3aw: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100fb3); supercp-20170105

hydra4: 4 x 2600MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercp-20230630
hydra5: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercp-20230630
bobcat: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercp-20171218
calvin: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercp-20171218
hydra4: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600P12); supercp-20171218
saber216: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercp-20230630

hydra9: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610F01); supercp-20171218
fpriarity: 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610F01); supercp-20200618

zeus: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercp-20210825
zabaz: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercp-20210825
rubbah: 4 x 3100MHz; 2017 AMD Ryzen 3 1300U; amd64; Zen (800H11); supercp-20210825
dall: 2 x 1900MHz; 2016 AMD Athlon Silver E3000; amd64; Zen (800H11); supercp-20210825
rozo: 64 x 2250MHz; 2019 AMD EPYC 7742; amd64; Zen 2 (830F10); supercp-20230630
resair: 6 x 3000MHz; 2022 AMD Ryzen 5 4500U; amd64; Zen 2 (860H01); supercp-20230630
lacune: 4 x 2600MHz; 2021 AMD Ryzen 3 3300U; amd64; Zen 2 (830F10); supercp-20230630
gauj346: 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen 2 (830F10); supercp-20191017

bealix: 6 x 4062MHz; 2021 AMD Ryzen 5 5600U; amd64; Zen 3 (a50F00); supercp-20211221
sash: 16 x 3400MHz; 2020 AMD Ryzen 9 5950X; amd64; Zen 3 (c00F10); supercp-20210825
cesama: 6 x 3900MHz; 2021 AMD Ryzen 5 PRO 5650G; amd64; Zen 3 (a50F00); supercp-20230630

gauj129: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; Knights Landing (50671); supercp-20180818
gauj1154: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; Knights Landing (50671); supercp-20170228

alder: 4 x 3300MHz; 2022 Intel Core i3-12100; amd64; Golden Cove (90673-00); supercp-20230630
alder2.1f62690.1660000: 2 x 1600MHz; 2022 Intel Core i3-1215U performance cores; amd64; Golden Cove (906A4-40); supercp-20230630

avx512max18: 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; Cascade Lake (50657); supercp-20210126
pmsd076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; Cascade Lake (50657); supercp-20191017

pantbar: 4 x 2800MHz; 2020 Intel Core i7-1165G7; amd64; Tiger Lake (806c1); supercp-20230630

sandy1024: 16 x 2700MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake-11702 (806a4); supercp-20170824
pmsd076: 8 x 2800MHz; 2017 Intel Core i9-9900; amd64; Skylake-11702 (806a4); supercp-20211121
gauj129: 68 x 2400MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake-11702 (806a4); supercp-20211121
gauj1154: 64 x 2400MHz; 2017 Intel Xeon Gold 6150; amd64; Skylake-11702 (806a4); supercp-20211121

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

cub150: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); supercp-20230630
cowat: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806ec); supercp-20230630

cannon: 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; Cannon Lake (80663); supercp-20190910

r4000: 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; Coffee Lake (906ea); supercp-20230630
n13vix: 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; Coffee Lake (906ea); supercp-20190910

kizaaba: 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; Kaby Lake (906e9); supercp-20230630
shearsars: 2 x 2400MHz; 2017 Intel Core i3-7120; amd64; Kaby Lake (906e9); supercp-20211122
instalucil: 4 x 3100MHz; 2018 Intel Core i7-8809G; amd64; Kaby Lake (906e9); supercp-20191017

sash: 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506e3); supercp-20171218
sasha: 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506e3); supercp-20230630

gauj1154: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f1); supercp-20180818
Bau1797: 16 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f1); supercp-20170228
RW11: 8 x 1700MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f1); supercp-20170228
bolah: 8 x 1900MHz; 2015 Intel Xeon E3-1220 v5; amd64; Broadwell+AES (506ea); supercp-20230630

gauj1154: 20 x 2800MHz; 2014 Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e2); supercp-20190918
Intel L200: 12 x 2400MHz; 2012 Intel Xeon E5-2670 v2; amd64; Ivy Bridge+AES (306e9); supercp-20230630
lilabuck: 4 x 2100MHz; 2012 Intel Xeon E3-1275 V2; amd64; Ivy Bridge+AES (306e9); supercp-20230630
lilabuck: 4 x 2100MHz; 2012 Intel Xeon E3-1275 V2; amd64; Ivy Bridge+AES (306e9); supercp-20230630
bada: 4 x 2500MHz; 2012 Intel Xeon E5-2697 v2; amd64; Ivy Bridge+AES (306e9); supercp-20210326
bada: 4 x 2500MHz; 2012 Intel Xeon E5-2697 v2; amd64; Ivy Bridge+AES (306e9); supercp-20210326

sandy113: 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; Ivy Bridge+AES (306e4); supercp-20180818
bansivay: 2 x 1800MHz; 2012 Intel Core i5-3427U; amd64; Ivy Bridge+AES (306e9); supercp-20230630
hydra6: 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; Ivy Bridge+AES (306e9); supercp-20230630
bedera: 4 x 2500MHz; 2012 Intel Xeon E5-2697 V2; amd64; Ivy Bridge+AES (306e9); supercp-20210326

robia28: 8 x 2600MHz; 2012 Intel Xeon E5-4650L; amd64; Sandy Bridge+AES (206d7); supercp-20170228
hydra7: 4 x 3100MHz; 2011 Intel Xeon E3-1225; amd64; Sandy Bridge+AES (206a7); supercp-20230630

hfsandy: 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (206a7); supercp-20221122

glysa: 2 x 3200MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); supercp-20170105

voifdale: 2 x 3060MHz; 2009 Intel Core 2 Duo E7600; amd64; Core 2 45nm (1067a); supercp-20230630

katana: 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; Core 2 65nm (60f); supercp-20170105
tsrdant: 2 x 2000MHz; 2007 Intel Core 2 Duo T7300; amd64; Core 2 65nm (60f); supercp-20230630
nagrad: 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (60f); supercp-20230630
lalour: 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (60f); supercp-20201130

alder2.1f62690.3300000: 4 x 1600MHz; 2022 Intel Core i3-1215U efficiency cores; amd64; Gracemont (906a4-20); supercp-20230630

jasper2: 2 x 1100MHz; 2021 Intel Celeron N4500; amd64; Tremont (906c0); supercp-20230630
jasper3: 4 x 2000MHz; 2021 Intel Celeron N5105; amd64; Tremont (906c0); supercp-20230630
jasper: 4 x 1100MHz; 2021 Intel Pentium Silver N6000; amd64; Tremont (906c0); supercp-20230630

gemini: 2 x 1100MHz; 2019 Intel Celeron N4020; amd64; Goldmont Plus (706a8); supercp-20230630

wooden: 4 x 1500MHz; 2016 Intel Celeron J3455; amd64; Goldmont (506c9); supercp-20230630
soviM8h1: 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); supercp-20191017

mccmc: 4 x 1600MHz; 2015 Intel Pentium N3700; amd64; Airmont (406c3); supercp-20230630

cherry: 4 x 1440MHz; 2016 Intel Atom i5-Z8350; amd64; Silvermont (406c4); supercp-20230630

hbaton: 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Bonnell (306e1); supercp-20230630

aintendoolilluanga: 1 x 720MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (03); supercp-20191221

hf1vfuu1eahsdrivc: 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercp-20191221
riscv1uaahsdrivc: 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercp-20210326

gcc23: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cmnips64v2); supercp-20230630
grrloffzr7: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cmnips64v2); supercp-20220213

tesla: 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f311); supercp-20170718

berry2: 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410f075); supercp-20230630

hblack: 1 x 1000MHz; 2012 TI Sitara XAM3359AZCZ100; armeabi; Cortex-A8 (413fc082); supercp-20230630

novealibio: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercp-20200702
artix: 4 x 1200MHz; 2012 Samsung Exynos 44127; armeabi; Cortex-A9+NEON (413fc090); supercp-20191221
novealix8: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercp-20191221

jtsosasi: 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413fc0f3); supercp-20170725

gcc118: 8 x 1600MHz; 2014 APM 88320B-X1; aarch64; X-Gene (500f000); supercp-20171218

pi3aplu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); supercp-20230630
pi3aplu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); supercp-20221122

leud: 8 x 1600MHz; 2018 APM 88320B-X1; aarch64; Cortex-A53+crypto (410f034); supercp-20170404
teptostainididid: 4 x 1500MHz; 2017 NXP i.MX 8M; aarch64; Cortex-A53+crypto (410f034); supercp-20191221
gogiacraslav: 4 x 1500MHz; 2018 NXP i.MX 8M; aarch64; Cortex-A53+crypto (410f034); supercp-20191221
reagaedecokididid: 4 x 1500MHz; 2017 Rockchip RK3288; aarch64; Cortex-A53+crypto (410f034); supercp-20191221

jtsosasi: 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; Cortex-A57+crypto (418f071); supercp-20191017
vstbar: 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; Cortex-A57+crypto (411f072); supercp-20200626

pi48: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercp-20221122
rpi4bun64: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercp-20191221

a7: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; Cortex-A72+crypto (418f080); supercp-20190904

pmo445: 64 x 2500MHz; 2018 Cavium ThunderX2 CN9980; aarch64; ThunderX2 (431f0a1); supercp-20191017

Time 65536 131072 262144 524288