

crypto\_aead  
isapxv20  
implementations  
amd64 Zen3  
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 Airmont  
amd64 Goldmont  
amd64 K8  
amd64 Bobcat  
amd64 Atom  
ppc32 G3  
riscv64 U54  
mips32 Oction II  
armeabi Armada  
armeabi Cortex-A7  
armeabi Cortex-A8  
armeabi Cortex-A9+NEON  
armeabi Cortex-A15  
aarch64 X-Gene  
aarch64 A53  
aarch64 A53+crypto  
aarch64 A57+crypto  
aarch64 A72  
aarch64 A72+crypto  
aarch64 ThunderX2

https://bench.cr.y.p.to  
20230113

T:ref

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| beelink: 6 x 4062MHz; 2021 AMD Ryzen 5 5600U; amd64; Zen3 (a50f00); supercop-20211122                      |
| zen3: 16 x 3400MHz; 2020 AMD Ryzen 9 5950X; amd64; Zen3 (a20f10); supercop-20220213                        |
| 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                          |
| rabat7: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercop-20220606                         |
| rabat6: 6 x 3200MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercop-20220606                         |
| rabat3: 4 x 3100MHz; 2017 AMD Ryzen 3 1200; amd64; Zen (800f11); supercop-20200906                         |
| gej1291: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; KnLanding (50671); supercop-20180818               |
| gej1154: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; KnLanding (50671); supercop-20170228               |
| avx512iaah: 18 x 3000MHz; 2019 Intel Core i9-10900XE; amd64; CascadeLake (50657); supercop-20210126        |
| pmno076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; CascadeLake (50657); supercop-20191017            |
| aaay1024: 18 x 2700MHz; 2017 Intel Xeon Gold 6150; amd64; SL+512x2 (50654); supercop-20170904              |
| phl: 6 x 3500MHz; 2017 Intel Core i7-7800X; amd64; SL+512x2 (50654); supercop-20181123                     |
| pmno003: 20 x 2400MHz; 2018 Intel Xeon Gold 6148; amd64; BW+AES (50654); supercop-20170228                 |
| gej1122: 28 x 2400MHz; 2015 Intel Xeon E5-2680 v4; amd64; BW+AES (50654); supercop-20171120                |
| gej1122: 28 x 2400MHz; 2015 Intel Xeon E5-2680 v4; amd64; BW+AES (50654); supercop-20211122                |
| beelink: 6 x 1100MHz; 2010 Intel Xeon E5-2650 v4; amd64; BW+AES (50651); supercop-20211122                 |
| gej1462: 20 x 2300MHz; 2014 Intel Xeon E5-2650 v4; amd64; HW+AES (30627); supercop-20180818                |
| gej1202: 24 x 2500MHz; 2014 Intel Xeon E5-2680 v3; amd64; HW+AES (30627); supercop-20171020                |
| hiby024: 12 x 2500MHz; 2012 Intel Xeon E5-2680 v2; amd64; HW+AES (30627); supercop-20170228                |
| titand: 4 x 3500MHz; 2013 Intel Xeon E5-1775 v3; amd64; HW+AES (30623); supercop-20211122                  |
| hiby09: 4 x 3100MHz; 2013 Intel Xeon E3-1220 v5; amd64; HW+AES (30623); supercop-20211122                  |
| manys13: 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; IB+AES (30644); supercop-20180818                |
| hiby84: 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; IB+AES (30649); supercop-20211122                  |
| hedera: 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; IB+AES (30649); supercop-20210326                 |
| robin281: 8 x 2600MHz; 2012 Intel Xeon E5-4650L; amd64; SB+AES (20647); supercop-20170228                  |
| hibandy: 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (20647); supercop-20200618             |
| hiby89: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f01); supercop-20171218                     |
| hibristy2: 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610f01); supercop-20200618                  |
| hibeas: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218                        |
| calvin: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20171218                        |
| hiby81: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600f20); supercop-20171218                        |
| aberr16: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercop-20220606                       |
| glyw: 2 x 3300MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); supercop-20170105                      |
| kataka: 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; C2 65nm (6f6); supercop-20170105                  |
| nargus: 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20211122                 |
| latour: 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6f6); supercop-20201130                 |
| hiby85: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercop-20191221                         |
| hiby84: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100f00); supercop-20171218              |
| norisatag: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100f42); supercop-20170904             |
| hibeo: 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                     |
| mucac: 4 x 1600MHz; 2015 Intel Pentium N3700; amd64; Airmont (406c3); supercop-20221122                    |
| voodea: 4 x 1500MHz; 2016 Intel Celeron J3455; amd64; Goldmont (506c9); supercop-20211122                  |
| scv1M3n1: 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); supercop-20191017                  |
| sacx: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercop-20170105                             |
| hibobea: 2 x 1650MHz; 2011 AMD G-T56M; amd64; Bobcat (500f10); supercop-20171218                           |
| hibe40: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500f20); supercop-20200618                             |
| hibata: 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Atom (306f1); supercop-20200618                         |
| nintendovillainuzg: 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); supercop-20191221               |
| hibifvuaaashadricv: 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercop-20191221 |
| riscvuaaashad800: 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercop-20210326   |
| gcc23: 2 x 2000MHz; 2011 Cavium Oction II CN6120; mips32; Oction II (cnnip64v2); supercop-20211122         |
| egproffaz2: 2 x 2000MHz; 2011 Cavium Oction II CN6120; mips32; Oction II (cnnip64v2); supercop-20220213    |
| tonido: 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f1311); supercop-20170718                |
| berry2: 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410fc075); supercop-20221122                |
| tblad: 1 x 1000MHz; 2012 TI Sitara XAM3359AZCZ100; armeabi; Cortex-A8 (413f082); supercop-20221005         |
| noveablu: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercop-20200702     |
| artix: 4 x 1200MHz; 2012 Samsung Exynos 44127; armeabi; Cortex-A9+NEON (413f090); supercop-20191221        |
| noveaiaa5: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercop-20191221    |
| jetsontat: 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413f0f3); supercop-20170725             |
| gcc116: 8 x 1600MHz; 2014 APM 88320B-X1; aarch64; X-Gene (500f000); supercop-20171218                      |
| pi3aplu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410f034); supercop-20221122                   |
| pi3aplu: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410f034); supercop-20221122                   |
| par3: 4 x 2000MHz; 2015 Amlogic S905; aarch64; A53+crypto (410f034); supercop-20170718                     |
| laa64: 8 x 1600MHz; 2015 NXP QorIQ LS1088; aarch64; A53+crypto (410f034); supercop-20210604                |
| lepotasolap80c: 4 x 1312MHz; 2016 Amlogic S900X; aarch64; A53+crypto (410f034); supercop-20191221          |
| roogaccara1aw: 4 x 1500MHz; 2018 NXP i.MX 8M; aarch64; A53+crypto (410f034); supercop-20191221             |
| renegeadefec838ec: 4 x 1312MHz; 2017 Rockchip RK3288; aarch64; A53+crypto (410f034); supercop-20191221     |
| jetsontat: 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; A57+crypto (418f071); supercop-20191017             |
| warbaar: 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; A57+crypto (411f072); supercop-20200606             |
| pi4b: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410f083); supercop-20211122                        |
| ipi4abutu64: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410f083); supercop-20191221                 |
| a7: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; A72+crypto (418f080); supercop-20170904                    |
| pmo0146: 64 x 2500MHz; 2018 Cavium ThunderX2 CN980; aarch64; ThunderX2 (431f0f1); supercop-20191017        |

Time 2097152

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