

Cycles per byte
crypto_aead
decrypt
1536+1536

https://bench.cr.yp.to/
20250510

amd64 Bobcat	bBobcat; 2 x 1650MHz; 2011 AMD G-T56N; supercop-20241022
amd64 K10 45nm	kHao; 1 x 1700MHz; 2010 AMD Athlon II Neo K125; supercop-20241022
amd64 K10 32nm	hydra4; 4 x 2600MHz; 2011 AMD A6-3650; supercop-20250415 hydra5; 4 x 2900MHz; 2011 AMD A8-3850; supercop-20250415
amd64 Bulldozer	sabe214; 4 x 4000MHz; 2012 AMD FX-8350; supercop-20250415
amd64 Zen	runba5; 6 x 3200MHz; 2017 AMD Ryzen 5 1600; supercop-20241022 runba7; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; supercop-20250415 dall; 2 x 1400MHz; 2020 AMD Athlon Silver 3050e; supercop-20250415 runba3; 4 x 3100MHz; 2017 AMD Ryzen 3 1200; supercop-20221122
amd64 Zen 2	renoir; 6 x 3600MHz; 2022 AMD Ryzen 5 4500U; supercop-20250415
amd64 Zen 3	lucienne; 4 x 2600MHz; 2021 AMD Ryzen 3 5300U; supercop-20250415 road; 64 x 2250MHz; 2019 AMD EPYC 7742; supercop-20250415
amd64 Zen 4	healiak; 6 x 4062MHz; 2021 AMD Ryzen 5 5560U; supercop-20221122 cuzana; 6 x 3900MHz; 2021 AMD Ryzen 5 PRO 5650G; supercop-20250415 zen3; 16 x 3400MHz; 2020 AMD Ryzen 9 5950X; supercop-20220213
amd64 Raptor Cove	harta; 8 x 3800MHz; 2023 AMD Ryzen 7 7700; supercop-20250415
amd64 Golden Cove	raptor; 6 x 4800MHz; 2023 Intel Core i7-13700H, P cores; supercop-20231107
amd64 Tiger Lake	alder2,1f828960,5600000; 2 x 1600MHz; 2022 Intel Core i3-1215U, P cores; supercop-20250415 alder; 4 x 3300MHz; 2022 Intel Core i3-12100; supercop-20250415
amd64 Ice Lake	panther; 4 x 2800MHz; 2020 Intel Core i7-1165G7; supercop-20250415
amd64 Comet Lake	icelake2; 4 x 1000MHz; 2019 Intel Core i3-1035G1; supercop-20221005
amd64 Coffee Lake	knor; 2 x 2100MHz; 2019 Intel Core i3-10110U; supercop-20250415 cove2; 2 x 2100MHz; 2019 Intel Core i3-10110U; supercop-20241022 cub10; 2 x 2100MHz; 2019 Intel Core i3-10110U; supercop-20250415
amd64 Kaby Lake	v2400; 4 x 3300MHz; 2018 Intel Xeon E-2124; supercop-20250415 l1w; 2 x 3000MHz; 2018 Intel Core i3-8109U; supercop-20250415
amd64 Skylake	kinaba; 4 x 3000MHz; 2017 Intel Xeon E3-1220 v5; supercop-20250415 vshootere; 2 x 2400MHz; 2017 Intel Core i3-7100; supercop-20221122
amd64 Broadwell+AES	snaba; 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; supercop-20250415
amd64 Haswell+AES	holers; 8 x 1700MHz; 2016 Intel Xeon E5-2609 v4; supercop-20250415 shoe; 2 x 1900MHz; 2015 Intel Core i3-5005U; supercop-20250415
amd64 Ivy Bridge+AES	pendak; 4 x 2000MHz; 2013 Intel Core i7-4765T; supercop-20241022 speed2supercop; 4 x 3400MHz; 2013 Intel Core i7-4770; supercop-20250415 highap; 4 x 3100MHz; 2013 Intel Xeon E3-1220 v3; supercop-20231107 litano; 4 x 3500MHz; 2013 Intel Xeon E3-1275 V2; supercop-20250415
amd64 Sandy Bridge+AES	humaniry; 2 x 1800MHz; 2012 Intel Core i5-3427U; supercop-20250415 hydra8; 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; supercop-20250415
amd64 Sandy Bridge	hydra7; 4 x 3100MHz; 2011 Intel Xeon E3-1225; supercop-20250415
amd64 Core 2 45nm	lfeandy; 2 x 2100MHz; 2011 Intel Core i3-2310M; supercop-20241022
amd64 Core 2 65nm	willdala; 2 x 3060MHz; 2009 Intel Core 2 Duo E7600; supercop-20250415
amd64 Gracemont	trident; 2 x 2000MHz; 2007 Intel Core 2 Duo T7300; supercop-20250307 nargaux; 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; supercop-20250415
amd64 Tremont	alder2,1f828960,3800000; 4 x 1600MHz; 2022 Intel Core i3-1215U, E cores; supercop-20250415
amd64 Goldmont Plus	jaupar2; 2 x 1100MHz; 2021 Intel Celeron N4500; supercop-20250415 jaupar; 4 x 1100MHz; 2021 Intel Pentium Silver N4500; supercop-20250415 jaupar3; 4 x 2000MHz; 2021 Intel Celeron N5105; supercop-20250415
amd64 Goldmont	gwisai; 2 x 1100MHz; 2019 Intel Celeron N4020; supercop-20250307
amd64 Airmont	wooden; 4 x 1500MHz; 2016 Intel Celeron J3455; supercop-20241022
amd64 Silvermont	nucnu; 4 x 1600MHz; 2015 Intel Pentium N3700; supercop-20241022
amd64 Bonnell	cherry; 4 x 1440MHz; 2016 Intel Atom x5-Z8350; supercop-20250415
riscv64 U54	blaton; 2 x 1866MHz; 2011 Intel Atom D2500; supercop-20250415 h2aton; 1 x 1000MHz; 2010 Intel Atom N455; supercop-20241022
mipso32 Octeon II	riacvutleashad800; 4 x 1000MHz; 2017 SiFive Freedom U540; supercop-20240107
armeabi ARM1176	gcc23; 2 x 2000MHz; 2011 Cavium Octeon II CN6120; supercop-20230630
armeabi Cortex-A7	erpre8taf2; 2 x 2000MHz; 2011 Cavium Octeon II CN6120; supercop-20220213
armeabi Cortex-A8	berry0; 1 x 1000MHz; 2011 Broadcom BCM2835; supercop-20240909
armeabi Cortex-A17	berry2; 4 x 900MHz; 2016 Broadcom BCM2836; supercop-20240909
armeabi Cortex-A17	bbilack; 1 x 1000MHz; 2012 TI Sitara XAM3359AZCZ100; supercop-20241022
aaarch64 Cortex-A53	tiaker; 4 x 1800MHz; 2014 Rockchip RK3288; supercop-20241022
aaarch64 Cortex-A72	pi3hplu; 4 x 1400MHz; 2018 Broadcom BCM2837B0; supercop-20241022 pi3hplu; 4 x 1400MHz; 2018 Broadcom BCM2837B0; supercop-20250415 pi4b; 4 x 1500MHz; 2019 Broadcom BCM2711; supercop-20241022

Cycles per byte