

crypto_hash
bblake512
implementations

?:xop

https://bench.cr.yp.to
20210605

amd64 Zen2	geuj1346; 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen2 (830F10); supercep-20191017
amd64 Zen	ryzen; 8 x 2994MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800F11); supercep-20170904 rumba7; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800F11); supercep-20210604 rumba6; 6 x 3200MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800F11); supercep-20210604 rumba3; 4 x 3100MHz; 2017 AMD Ryzen 3 1200; amd64; Zen (800F11); supercep-20200906
amd64 KnLanding	geuj1291; 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; KnLanding (50671); supercep-20180818
amd64 CascadeLake	geuj1154; 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; KnLanding (50671); supercep-20170228 avx512math; 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; CascadeLake (50657); supercep-20210126
amd64 SL+512x2	ymad076; 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; CascadeLake (50657); supercep-20191017
amd64 IceLake	naany1024; 18 x 2700MHz; 2017 Intel Xeon Gold 6150; amd64; SL+512x2 (50654); supercep-20170904 skl; 6 x 3000MHz; 2017 Intel Core i7-7800U; amd64; SL+512x2 (50654); supercep-20181123 pawap02; 20 x 2400MHz; 2017 Intel Xeon Gold 6148; amd64; SL+512x2 (50654); supercep-20190910 geuj1458; 40 x 2400MHz; 2017 Intel Xeon Gold 6147; amd64; SL+512x2 (50654); supercep-20210605 geuj1239; 32 x 2100MHz; 2017 Intel Xeon Gold 6130; amd64; SL+512x2 (50654); supercep-20191017
amd64 CometLake	icelake; 4 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; icelake (706e5); supercep-20200826
amd64 CannonLake	comet; 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; CometLake (806e); supercep-20210604
amd64 CoffeeLake	caano; 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; CannonLake (60663); supercep-20190910
amd64 KabyLake	r2400; 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; CoffeeLake (906ea); supercep-20210604 bitvisie; 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; CoffeeLake (906ea); supercep-20190910
amd64 Skylake	kizamba; 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; KabyLake (906e9); supercep-20210604 intalasc17; 4 x 3100MHz; 2018 Intel Core i7-8090G; amd64; KabyLake (906e9); supercep-20191017 intalasc17; 2 x 3500MHz; 2017 Intel Core i7-7567U; amd64; KabyLake (906e9); supercep-20191017
amd64 BW+AES	saad; 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506e3); supercep-20171218 saaba; 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506e3); supercep-20210604
amd64 HW+AES	geuj1441; 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercep-20180818 naany387; 14 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercep-20170228 geuj1122; 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; BW+AES (406f1); supercep-20171020 bakera; 8 x 1700MHz; 2016 Intel Xeon E5-2609 v4; amd64; BW+AES (406f1); supercep-20210604
amd64 IB+AES	geuj1460; 20 x 2300MHz; 2014 Intel Xeon E5-2650 v3; amd64; HW+AES (306f2); supercep-20180818 geuj1202; 24 x 2500MHz; 2014 Intel Xeon E5-2680 v3; amd64; HW+AES (306f2); supercep-20171020 rnh304; 12 x 2500MHz; 2014 Intel Xeon E5-2650 v3; amd64; HW+AES (306f2); supercep-20170228 pipap; 4 x 3100MHz; 2013 Intel Xeon E3-1220 v3; amd64; HW+AES (306c3); supercep-20210604 114aw; 4 x 3000MHz; 2013 Intel Xeon E3-1275 v3; amd64; HW+AES (306c3); supercep-20210604
amd64 SB+AES	naany13; 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; IB+AES (306e4); supercep-20180818 bakera; 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; IB+AES (306e9); supercep-20210326 hydra8; 4 x 3500MHz; 2012 Intel Xeon E3-1275 V2; amd64; IB+AES (306e9); supercep-20210604
amd64 Sandy Bridge	robta281; 8 x 2600MHz; 2012 Intel Xeon E5-4650L; amd64; SB+AES (206d7); supercep-20170228
amd64 Piledriver	h6sandy; 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (206a7); supercep-20200618 hydra9; 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f1); supercep-20171218
amd64 Bulldozer	h3trinity; 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610f1); supercep-20200618 bobba; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercep-20171218 calvia; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercep-20171218 hydra6; 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600f12); supercep-20171218 saber214; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercep-20210423
amd64 Westmere	glyaw; 2 x 3300MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); supercep-20170105
amd64 C2 65nm	kataaa; 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; C2 65nm (6f6); supercep-20170105 nargaux; 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6fb); supercep-20210604 latour; 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; C2 65nm (6fb); supercep-20201130
amd64 K10 32nm	hydra5; 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercep-20191221
amd64 K10 45nm	hydra3; 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100fa0); supercep-20171218 soningatar; 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100fa2); supercep-20170904 hbaoo; 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100f63); supercep-20170105
amd64 K10 65nm	gcc16; 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100f23); supercep-20171218
amd64 Goldmont	scv1M3h1; 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); supercep-20191017
amd64 K8	naca; 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercep-20170105
amd64 Bobcat	hbobcat; 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (500f10); supercep-20171218 h4460; 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500f20); supercep-20200618
amd64 Atom	hlatoo; 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Atom (30661); supercep-20200618
ppc32 G3	nintendovillainuzg; 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); supercep-20191221
riscv64 U54	hifiveuaashedsrscv; 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercep-20191221 riscvuaasheds000; 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercep-20210326
mips032 Octeon II	exprofsr2; 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mips032; Octeon II (cmnips64v2); supercep-20210604
armeabi Armada	tonido; 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f1311); supercep-20170718
armeabi Cortex-A7	berry2; 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410f075); supercep-20210604
armeabi Cortex-A9+NEON	arvealuu; 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercep-20200703 artik; 4 x 1200MHz; 2012 Samsung Exynos 4412; armeabi; Cortex-A9+NEON (413f090); supercep-20191221 arvealua6; 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercep-20191221
armeabi Cortex-A15	jetsont1; 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413f0f3); supercep-20170725
aarch64 X-Gene	gcc16; 8 x 1600MHz; 2014 APM 883208-X1; aarch64; X-Gene (500f000); supercep-20171218
aarch64 A53	pi3plu; 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; A53 (410f034); supercep-20210604
aarch64 A53+crypto	par3; 4 x 2000MHz; 2015 Amlogic S905; aarch64; A53+crypto (410f034); supercep-20170718 1epostaaia9098cc; 4 x 1512MHz; 2016 Amlogic S903X; aarch64; A53+crypto (410f034); supercep-20191221 grogfacanabev; 4 x 1500MHz; 2018 Rockchip RK3398; aarch64; A53+crypto (410f034); supercep-20191221 rempadecrcr328cc; 4 x 1512MHz; 2017 Rockchip RK3328; aarch64; A53+crypto (410f034); supercep-20191221
aarch64 A57+crypto	jetsont1; 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; A57+crypto (418f071); supercep-20191017 warbear0; 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; A57+crypto (411f072); supercep-20200826
aarch64 A72	rpi4abatu64; 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; A72 (410f083); supercep-20191221
aarch64 A72+crypto	a72; 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; A72+crypto (418f080); supercep-20170904
aarch64 ThunderX2	pmad146; 64 x 2500MHz; 2018 Cavium ThunderX2 CN9980; aarch64; ThunderX2 (431f0a1); supercep-20191017