

crypto_kem
bikel1isc
implementations

?:avx512_oss1

?:avx2_oss1

?:ref_oss1

https://bench.cr.yp.to
20230702

amd64 Bobcat	hbbocat: 2 x 1650MHz; 2011 AMD G-T56n; amd64; Bobcat (500F10); supercop-20230630
amd64 K8	m4450; 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500F20); supercop-20200618
amd64 K10 65nm	naaa; 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fb2); supercop-201710105
amd64 K10 45nm	gcc16; 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100F23); supercop-20171218
amd64 K10 32nm	hydra3; 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100fa0); supercop-20171218
amd64 Bulldozer	sonnigstar; 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100fa2); supercop-20170904
amd64 Piledriver	hbaaw; 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100fb3); supercop-20171218
amd64 Zen	hydra4; 4 x 2600MHz; 2011 AMD A8-3850; amd64; K10 32nm (300F10); supercop-20230630
amd64 Zen 2	hydra5; 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300F10); supercop-20230630
amd64 Zen 3	bobcat; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercop-20171218
amd64 Knights Landing	calista; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercop-20171218
amd64 Golden Cove	hydra4; 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600P12); supercop-20171218
amd64 Cascade Lake	hawer10; 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600P20); supercop-20230630
amd64 Tiger Lake	hydra9; 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610F01); supercop-20171218
amd64 Skylake+512x2	hprariaty; 2 x 2000MHz; 2012 AMD A10-6650M; amd64; Piledriver (610F01); supercop-20200618
amd64 Ice Lake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Comet Lake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Cannon Lake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Coffee Lake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Kaby Lake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Skylake	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Broadwell+AES	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Haswell+AES	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Ivy Bridge+AES	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Sandy Bridge+AES	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Sandy Bridge	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Westmere	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Core 2 45nm	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Core 2 65nm	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Gracemont	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Tremont	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Goldmont Plus	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Goldmont	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Airmont	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Silvermont	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
amd64 Bonnell	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
ppc32 G3	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
riscv64 U54	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
mipso32 Octeon II	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
armeabi Armada	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
armeabi Cortex-A7	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
armeabi Cortex-A8	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
armeabi Cortex-A9+NEON	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
armeabi Cortex-A15	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 X-Gene	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 Cortex-A53	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 Cortex-A53+crypto	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 Cortex-A57+crypto	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 Cortex-A72	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 Cortex-A72+crypto	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805
aarch64 ThunderX2	ryzen8; 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercop-20170805