

crypto\_aead  
pi64cipher128v2  
implementations

T:goptv

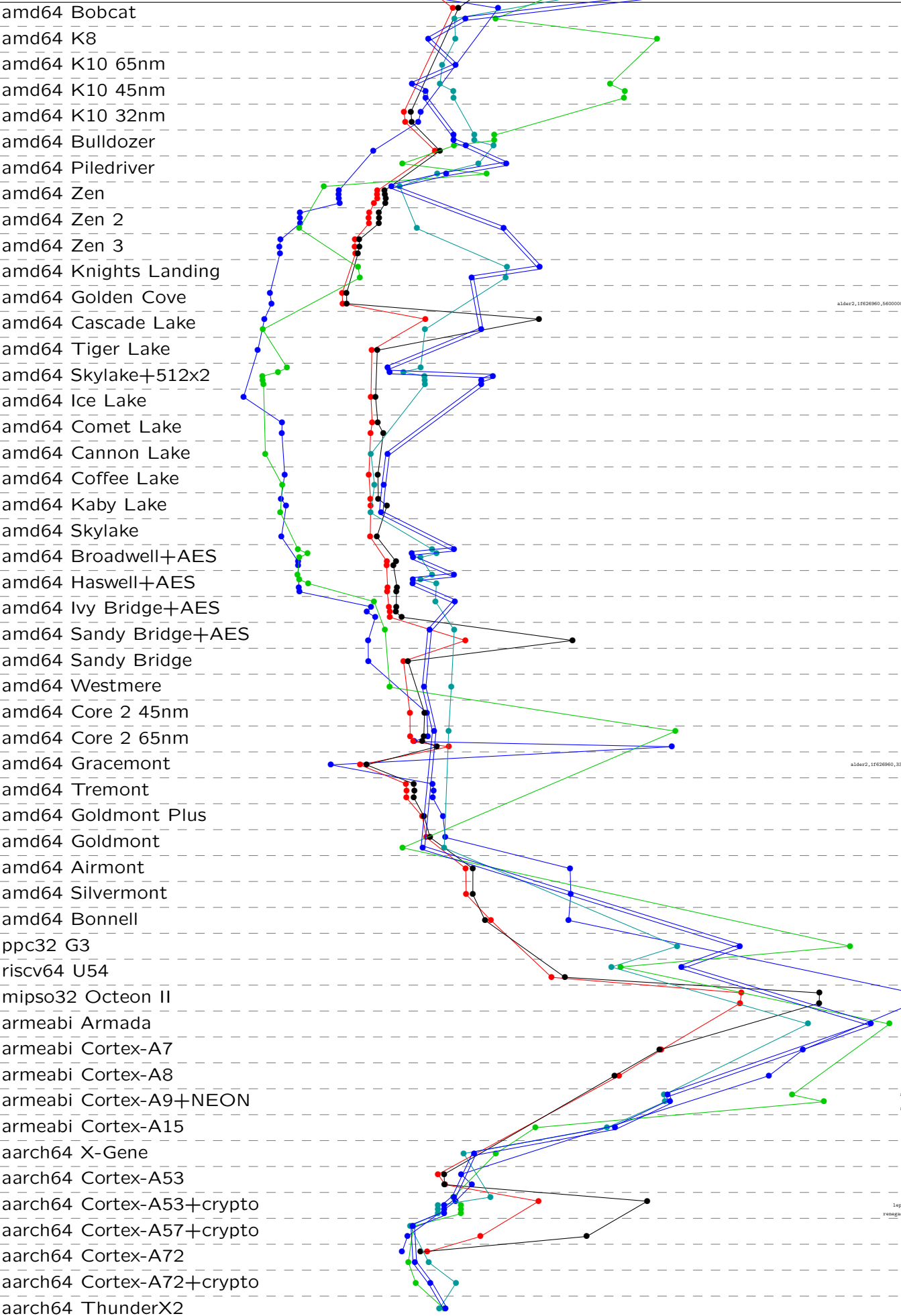
T:ref3

T:ref2

?:goptv

?:ref3

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



Processor Model	Configuration	Supercomputing Benchmark Score
amd64 Bobcat	hbbocat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (500F10); supercomp-20230630	20230630
amd64 K8	m4e50: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (500F20); supercomp-20200618	20200618
amd64 K10 65nm	naca: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40fB2); supercomp-201710105	201710105
amd64 K10 45nm	gcc16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100F23); supercomp-20171218	20171218
amd64 K10 32nm	hydra3: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100F40); supercomp-20171218	20171218
amd64 Bulldozer	sonnigstar: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100F42); supercomp-20170904	20170904
amd64 Piledriver	h3aw: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100F63); supercomp-20171218	20171218
amd64 Zen	hydra4: 4 x 2600MHz; 2011 AMD A6-3650; amd64; K10 32nm (300F10); supercomp-20230630	20230630
amd64 Zen 2	hydra5: 4 x 2900MHz; 2011 AMD A8-3850; amd64; K10 32nm (300F10); supercomp-20230630	20230630
amd64 Zen 3	hydra6: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600F12); supercomp-20171218	20171218
amd64 Knights Landing	shaver216: 4 x 4000MHz; 2012 AMD FX-6300; amd64; Bulldozer (600F20); supercomp-20230630	20230630
amd64 Golden Cove	hydra9: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610F11); supercomp-20171218	20171218
amd64 Cascade Lake	hbrariaty: 2 x 2000MHz; 2012 AMD A10-4655M; amd64; Piledriver (610F11); supercomp-20200618	20200618
amd64 Tiger Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Skylake+512x2	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Ice Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Comet Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Cannon Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Coffee Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Kaby Lake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Skylake	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Broadwell+AES	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Haswell+AES	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Ivy Bridge+AES	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Sandy Bridge+AES	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Sandy Bridge	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Westmere	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Core 2 45nm	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Core 2 65nm	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Gracemont	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Tremont	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Goldmont Plus	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Goldmont	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Airmont	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Silvermont	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
amd64 Bonnell	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
ppc32 G3	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
riscv64 U54	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
mips32 Octeon II	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
armeabi Armada	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
armeabi Cortex-A7	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
armeabi Cortex-A8	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
armeabi Cortex-A9+NEON	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
armeabi Cortex-A15	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 X-Gene	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 Cortex-A53	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 Cortex-A53+crypto	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 Cortex-A57+crypto	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 Cortex-A72	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 Cortex-A72+crypto	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805
aarch64 ThunderX2	zen6: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800H11); supercomp-20170805	20170805

Time 32768 131072 524288 2097152