

crypto\_hash  
esch384v1  
implementations  
amd64 Bobcat  
amd64 K8  
amd64 K10 65nm  
amd64 K10 45nm  
amd64 K10 32nm  
amd64 Bulldozer  
amd64 Piledriver  
amd64 Zen  
amd64 Zen 2  
amd64 Zen 3  
amd64 Knights Landing  
amd64 Golden Cove  
amd64 Cascade Lake  
amd64 Tiger Lake  
amd64 Skylake+512x2  
amd64 Ice Lake  
amd64 Comet Lake  
amd64 Cannon Lake  
amd64 Coffee Lake  
amd64 Kaby Lake  
amd64 Skylake  
amd64 Broadwell+AES  
amd64 Haswell+AES  
amd64 Ivy Bridge+AES  
amd64 Sandy Bridge+AES  
amd64 Sandy Bridge  
amd64 Westmere  
amd64 Core 2 45nm  
amd64 Core 2 65nm  
amd64 Gracemont  
amd64 Tremont  
amd64 Goldmont Plus  
amd64 Goldmont  
amd64 Airmont  
amd64 Silvermont  
amd64 Bonnell  
ppc32 G3  
riscv64 U54  
mips32 Octeon II  
armeabi Armada  
armeabi Cortex-A7  
armeabi Cortex-A8  
armeabi Cortex-A9+NEON  
armeabi Cortex-A15  
aarch64 X-Gene  
aarch64 Cortex-A53  
aarch64 Cortex-A53+crypto  
aarch64 Cortex-A57+crypto  
aarch64 Cortex-A72  
aarch64 Cortex-A72+crypto  
aarch64 ThunderX2

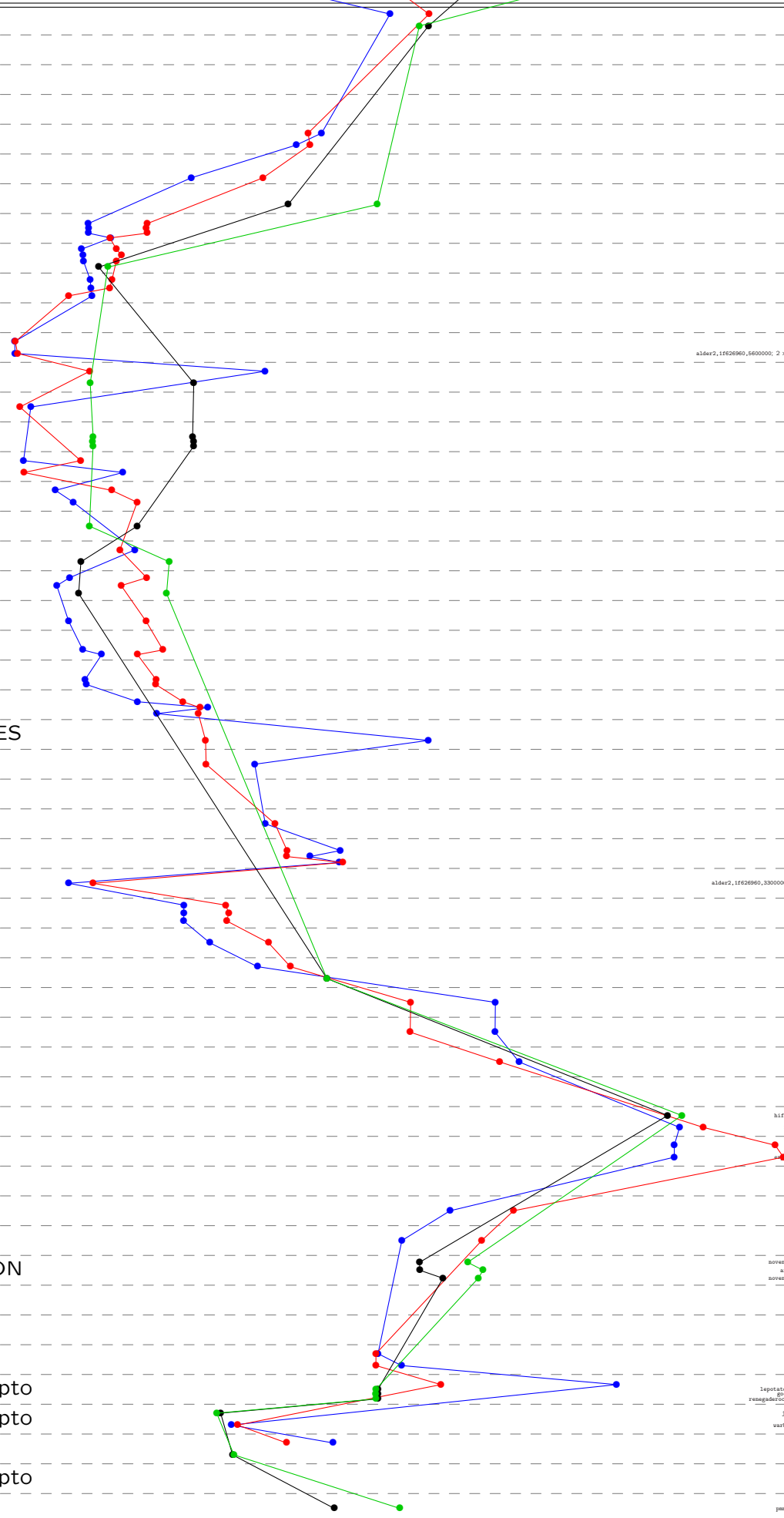
T:opt

T:ref

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



bbobcat: 2 x 1650MHz; 2011 AMD G-T56N; amd64; Bobcat (600F10); supercop-20230630  
 m4e50: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (600F20); supercop-20200618  
 ...  
 gcc16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100F23); supercop-20171218  
 ...  
 jasper2: 2 x 1100MHz; 2021 Intel Celeron N4500; amd64; Tremont (906c0); supercop-20230630  
 ...  
 pi3hpa1: 4 x 1400MHz; 2018 Broadcom BCM20837B0; aarch64; Cortex-A53 (410f034); supercop-20230630  
 ...  
 pi4h: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercop-20221122  
 ...  
 pi4b: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercop-20191021  
 ...  
 pi4t: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; Cortex-A72+crypto (418f080); supercop-20170904  
 ...  
 pm0415: 64 x 2500MHz; 2018 Cavium ThunderX2 CN9980; aarch64; ThunderX2 (431f0a1); supercop-20191017

Time 65536 131072 262144 524288