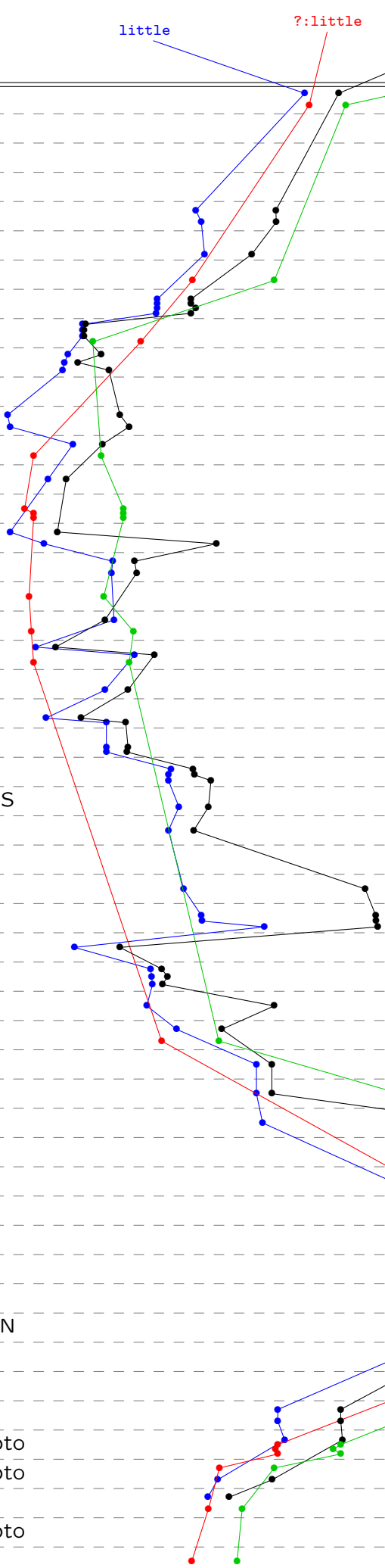


crypto_decode
857xint16
implementations
amd64 Bobcat
amd64 K8
amd64 K10 65nm
amd64 K10 45nm
amd64 K10 32nm
amd64 Bulldozer
amd64 Piledriver
amd64 Zen
amd64 Zen 2
amd64 Zen 3
amd64 Knights Landing
amd64 Golden Cove
amd64 Cascade Lake
amd64 Tiger Lake
amd64 Skylake+512x2
amd64 Ice Lake
amd64 Comet Lake
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
mipso32 Ocheon 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



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

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bbobcat: 2 x 1650MHz; 2011 AMD G-T56n; amd64; Bobcat (600f10); supercp-20230630
b4e50: 2 x 1650MHz; 2011 AMD E-450; amd64; Bobcat (600f20); supercp-20200618
...
naca: 2 x 2000MHz; 2006 AMD Athlon 64 X2; amd64; K8 (40f2); supercp-20171016
...
gcl16: 8 x 2194MHz; 2008 AMD Opteron 8354; amd64; K10 65nm (100f23); supercp-20171218
...
hydra3: 6 x 3300MHz; 2010 AMD Phenom II X6 1100T; amd64; K10 45nm (100f04); supercp-20171218
sonnigstar: 4 x 3200MHz; 2009 AMD Phenom II X4 955; amd64; K10 45nm (100f42); supercp-20170904
h3naw: 1 x 1700MHz; 2010 AMD Athlon II Neo K125; amd64; K10 45nm (100f63); supercp-20171016
...
hydra4: 4 x 2600MHz; 2011 AMD A8-3850; amd64; K10 32nm (300f10); supercp-20230630
...
bobbac: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercp-20171218
cativa: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercp-20171218
hydra5: 4 x 3100MHz; 2011 AMD FX-8120; amd64; Bulldozer (600f12); supercp-20171218
mawer210: 4 x 4000MHz; 2012 AMD FX-8350; amd64; Bulldozer (600f20); supercp-20230630
...
hydra9: 2 x 3800MHz; 2012 AMD A10-5800K; amd64; Piledriver (610f01); supercp-20171218
fipriarty: 2 x 2000MHz; 2012 AMD A10-6650M; amd64; Piledriver (610f01); supercp-20200618
...
zen8: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercp-20210605
zen9: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercp-20210605
zen9c: 8 x 3000MHz; 2017 AMD Ryzen 7 1700; amd64; Zen (800f11); supercp-20210605
zen9: 4 x 3100MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercp-20210605
zen9c: 4 x 3100MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercp-20210605
dali: 2 x 3100MHz; 2017 AMD Ryzen 5 1600; amd64; Zen (800f11); supercp-20210605
...
zen6: 64 x 2250MHz; 2019 AMD EPYC 7742; amd64; Zen 2 (830f10); supercp-20230630
zen7: 6 x 3000MHz; 2022 AMD Ryzen 5 4500U; amd64; Zen 2 (860f01); supercp-20230630
lactiane: 4 x 2000MHz; 2021 AMD Ryzen 3 3000; amd64; Zen 2 (830f11); supercp-20230630
gnaj1346: 64 x 2000MHz; 2019 AMD EPYC 7702; amd64; Zen 2 (830f10); supercp-20191017
...
baseline: 6 x 4026MHz; 2021 AMD Ryzen 5 5600G; amd64; Zen 3 (a50f00); supercp-20211221
saa: 16 x 3400MHz; 2020 AMD Ryzen 9 5950X; amd64; Zen 3 (a20f10); supercp-20220213
cezaame: 6 x 3900MHz; 2021 AMD Ryzen 5 PRO 5650G; amd64; Zen 3 (a50f00); supercp-20230630
...
gnaj1291: 68 x 1400MHz; 2016 Intel Xeon Phi 7250; amd64; Knights Landing (506f71); supercp-20180818
gnaj1154: 64 x 1300MHz; 2016 Intel Xeon Phi 7210; amd64; Knights Landing (506f71); supercp-20170228
...
alder: 4 x 3300MHz; 2022 Intel Core i3-12100; amd64; Golden Cove (906f3-00); supercp-20230630
alder2_1f62690_1560000: 2 x 1600MHz; 2022 Intel Core i3-1215U performance cores; amd64; Golden Cove (906A4-40); supercp-20230630
avx512iaah: 18 x 3000MHz; 2019 Intel Core i9-10980XE; amd64; Cascade Lake (506f7); supercp-20210126
jmsod076: 20 x 2500MHz; 2019 Intel Xeon Gold 6248; amd64; Cascade Lake (506f7); supercp-20191017
...
panther: 4 x 2800MHz; 2020 Intel Core i7-1165G7; amd64; Tiger Lake (806c1); supercp-20230630
...
sandy1024: 16 x 2700MHz; 2017 Intel Xeon E-2650 v4; amd64; Skylake (506e1); supercp-20210605
sandy2048: 8 x 2500MHz; 2017 Intel Core i7-9700; amd64; Skylake (506e1); supercp-20210121
sandy4096: 4 x 2400MHz; 2017 Intel Core i7-9700; amd64; Skylake (506e1); supercp-20210121
gnaj1258: 20 x 2400MHz; 2017 Intel Xeon Gold 6136; amd64; Skylake (506e1); supercp-20191017
gnaj1260: 20 x 2400MHz; 2017 Intel Xeon Gold 6136; amd64; Skylake (506e1); supercp-20191017
...
icelake2: 4 x 1000MHz; 2019 Intel Core i3-1035G1; amd64; Ice Lake (706e5); supercp-20221006
icelake: 4 x 1100MHz; 2020 Intel Core i5-1030NG7; amd64; Ice Lake (706e5); supercp-20200626
...
cub10: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806c); supercp-20230630
cosat: 2 x 2100MHz; 2019 Intel Core i3-10110U; amd64; Comet Lake (806c); supercp-20230630
...
cannon: 2 x 2200MHz; 2018 Intel Core i3-8121U; amd64; Cannon Lake (80663); supercp-20190910
...
r2600: 4 x 3300MHz; 2018 Intel Xeon E-2124; amd64; Coffee Lake (906a); supercp-20230630
bitvisia: 6 x 3200MHz; 2017 Intel Core i7-8700; amd64; Coffee Lake (906a); supercp-20190910
...
kabya: 4 x 3000MHz; 2017 Intel Xeon E3-1220 v6; amd64; Kaby Lake (906e9); supercp-20230630
skusharsa: 2 x 2400MHz; 2017 Intel Core i7-8700; amd64; Kaby Lake (906e9); supercp-20211221
instalaui8: 4 x 3100MHz; 2018 Intel Core i7-8809G; amd64; Kaby Lake (906e9); supercp-20191017
...
saa: 2 x 3300MHz; 2015 Intel Pentium G4400; amd64; Skylake (506e3); supercp-20171218
saa: 4 x 3000MHz; 2015 Intel Xeon E3-1220 v5; amd64; Skylake (506e3); supercp-20230630
...
gnaj1161: 28 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f); supercp-20180818
Bany128: 16 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f); supercp-20170228
Bany256: 8 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f); supercp-20170228
Bany512: 4 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f); supercp-20170228
Bany1024: 2 x 2400MHz; 2016 Intel Xeon E5-2680 v4; amd64; Broadwell+AES (406f); supercp-20170228
...
gnaj1165: 20 x 2200MHz; 2014 Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e4); supercp-20191018
Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e4); supercp-20191018
Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e4); supercp-20191018
Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e4); supercp-20191018
Intel Xeon E5-2680 v3; amd64; Haswell+AES (306e4); supercp-20191018
...
sandy613: 12 x 2700MHz; 2013 Intel Xeon E5-2697 v2; amd64; Ivy Bridge+AES (306e4); supercp-20180818
hansvivy: 2 x 1800MHz; 2012 Intel Core i5-3427U; amd64; Ivy Bridge+AES (306e4); supercp-20230630
hydra6: 4 x 3000MHz; 2012 Intel Xeon E3-1275 V2; amd64; Ivy Bridge+AES (306e4); supercp-20230630
hedera: 4 x 2500MHz; 2012 Intel Xeon E3-1265L V2; amd64; Ivy Bridge+AES (306e4); supercp-20210126
...
robia281: 8 x 2600MHz; 2012 Intel Xeon E5-4650L; amd64; Sandy Bridge+AES (206d7); supercp-20170228
hydra7: 4 x 3100MHz; 2011 Intel Xeon E3-1225; amd64; Sandy Bridge+AES (206a7); supercp-20230630
...
hsandy: 2 x 2100MHz; 2011 Intel Core i3-2310M; amd64; Sandy Bridge (206a7); supercp-20221122
...
glysw: 2 x 3200MHz; 2010 Intel Core i5-650; amd64; Westmere (20652); supercp-20171016
...
wolfdale: 2 x 3060MHz; 2009 Intel Core 2 Duo E7600; amd64; Core 2 45nm (1067a); supercp-20230630
...
kstana: 2 x 2137MHz; 2006 Intel Core 2 Duo E6400; amd64; Core 2 65nm (6f6); supercp-20171016
trsdant: 2 x 2000MHz; 2007 Intel Core 2 Duo T7300; amd64; Core 2 65nm (6f6); supercp-20230630
nargap: 4 x 2404MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (6f6); supercp-20230630
lalour: 4 x 2394MHz; 2007 Intel Core 2 Quad Q6600; amd64; Core 2 65nm (6f6); supercp-20201130
...
alder2_1f62690_3300000: 4 x 1600MHz; 2022 Intel Core i3-1215U efficiency cores; amd64; Gracemont (906A4-20); supercp-20230630
...
jasper2: 2 x 1100MHz; 2021 Intel Celeron N4500; amd64; Tremont (906c0); supercp-20230630
jasper3: 4 x 2000MHz; 2021 Intel Celeron N5105; amd64; Tremont (906c0); supercp-20230630
jasper: 4 x 1100MHz; 2021 Intel Pentium Silver N6000; amd64; Tremont (906c0); supercp-20230630
...
gemini: 2 x 1100MHz; 2019 Intel Celeron N4020; amd64; Goldmont Plus (706a8); supercp-20230630
...
wooden: 4 x 1500MHz; 2016 Intel Celeron J3455; amd64; Goldmont (506c9); supercp-20230630
sovlm8h1: 16 x 2100MHz; 2017 Intel Atom C3955; amd64; Goldmont (506f1); supercp-20191017
...
mcmcc: 4 x 1600MHz; 2015 Intel Pentium N3700; amd64; Airmont (406c3); supercp-20230630
...
cherry: 4 x 1440MHz; 2016 Intel Atom i5-Z8350; amd64; Silvermont (406c4); supercp-20230630
...
bbaton: 2 x 1866MHz; 2011 Intel Atom D2500; amd64; Bonnell (30661); supercp-20230630
...
alntendosillluzang: 1 x 729MHz; 2006 IBM PowerPC Broadway; ppc32; G3 (G3); supercp-20191221
...
hlfivunleashedservic: 4 x 1400MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercp-20191221
riscvunleasheds000: 4 x 1000MHz; 2017 SiFive Freedom U540; riscv64; U54 (sifive,u54-mc); supercp-20210326
...
gcc23: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cmnips64v2); supercp-20230630
bhfzf2: 2 x 2000MHz; 2011 Cavium Octeon II CN6120; mipso32; Octeon II (cmnips64v2); supercp-20220213
...
teside: 1 x 1200MHz; 2010 Marvell Armada 310; armeabi; Armada (562f1311); supercp-20170718
...
berry2: 4 x 900MHz; 2016 Broadcom BCM2836; armeabi; Cortex-A7 (410f075); supercp-20230630
...
black: 1 x 1000MHz; 2012 TI Sitara XAM3359A2C2100; armeabi; Cortex-A8 (413f082); supercp-20230630
...
noveabluo: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercp-20200702
artik: 4 x 1200MHz; 2012 Samsung Exynos 44127; armeabi; Cortex-A9+NEON (413f090); supercp-20191221
noveabias: 4 x 1200MHz; 2011 Freescale i.MX6 Quad; armeabi; Cortex-A9+NEON (412f09a); supercp-20191221
...
jstossati: 4 x 2065MHz; 2014 NVIDIA Tegra K1; armeabi; Cortex-A15 (413f0f3); supercp-20170728
...
gcc18: 8 x 1600MHz; 2014 APM 88320B-K1; aarch64; X-Gene (500f000); supercp-20171218
...
pi3hpa4: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); supercp-20230630
pi3hpa: 4 x 1400MHz; 2018 Broadcom BCM2837B0; aarch64; Cortex-A53 (410f034); supercp-20211221
...
leuf: 8 x 1500MHz; 2015 ARM Cortex-A53; aarch64; Cortex-A53+crypto (410f034); supercp-20171016
leuf: 8 x 1500MHz; 2015 ARM Cortex-A53; aarch64; Cortex-A53+crypto (410f034); supercp-20171016
leuf: 8 x 1500MHz; 2015 ARM Cortex-A53; aarch64; Cortex-A53+crypto (410f034); supercp-20171016
leuf: 8 x 1500MHz; 2015 ARM Cortex-A53; aarch64; Cortex-A53+crypto (410f034); supercp-20171016
leuf: 8 x 1500MHz; 2015 ARM Cortex-A53; aarch64; Cortex-A53+crypto (410f034); supercp-20171016
...
jstossati: 4 x 1734MHz; 2015 NVIDIA Tegra X1; aarch64; Cortex-A57+crypto (418f071); supercp-20191017
varbear: 8 x 2000MHz; 2016 AMD Opteron A1100; aarch64; Cortex-A57+crypto (411f072); supercp-20200626
...
pi4h: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercp-20221122
rpi4bunleasheds: 4 x 1500MHz; 2019 Broadcom BCM2711; aarch64; Cortex-A72 (410f083); supercp-20191221
...
a7: 2 x 2100MHz; 2015 Mediatek MT8173; aarch64; Cortex-A72+crypto (418f080); supercp-20190904
...
jmsod145: 64 x 2500MHz; 2018 Cavium ThunderX2 CN980; aarch64; ThunderX2 (431fa0f1); supercp-20191017
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