```
The 'numbers' are in 1000s of bytes per second processed.
type              16 bytes      64 bytes      256 bytes     1024 bytes     8192 bytes    16384 bytes
sha256            16480.74k     47646.49k     104118.53k    147102.72k     167832.23k    169596.25k
aes-128-cbc       44478.38k     48696.90k      50139.05k     50506.41k      50591.06k     50642.94k
```

Left terminal (htop):

```
  0[||                                              1.3%] Tasks: 66, 114 thr, 143 kthr; 2 running
  1[||||||||||||||||||||||||||||||||||||||||||||||100.0%] Load average: 0.54 0.36 0.21
  2[                                                0.0%] Uptime: 00:07:17
  3[                                                0.0%]
Mem[|||||||                                      295M/7.64G]
Swp[                                                0K/2.00G]

Main
  PID USER      PRI  NI  VIRT   RES   SHR S CPU%▽MEM%   TIME+  Command
 1205 winson    20   0  8880  5692  3400 S  0.0  0.1  0:00.08 -bash
 1206 winson    20   0  641M 45980     0 S  0.0  0.6  0:00.00 pcmanfm --desktop
 1209 winson    20   0  900M 53984     0 S  0.0  0.7  0:00.00 /usr/bin/wf-panel-pi
 1210 winson    20   0  900M 53984     0 S  0.0  0.7  0:00.09 /usr/bin/wf-panel-pi
 1214 winson    20   0  900M 53984     0 S  0.0  0.7  0:00.00 /usr/bin/wf-panel-pi
 1232 winson    20   0  306M  7948  7080 S  0.0  0.1  0:00.03 /usr/libexec/gvfsd
 1234 winson    20   0  900M 53984     0 S  0.0  0.7  0:00.00 /usr/bin/wf-panel-pi
 1235 winson    20   0  306M  7948     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd
 1236 winson    20   0  306M  7948     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd
 1237 winson    20   0  306M  7948     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd
 1243 winson    20   0  390M  7000  6196 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1246 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1247 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1248 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1249 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1251 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1253 winson    20   0  390M  7000     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfsd-fuse /run/user/1000/gvfs -f
 1259 winson    20   0  548M 18492 15172 S  0.0  0.2  0:00.10 /usr/libexec/xdg-desktop-portal
 1262 winson    20   0  641M 45980     0 S  0.0  0.6  0:00.01 pcmanfm --desktop
 1263 winson    20   0  548M 18492     0 S  0.0  0.2  0:00.00 /usr/libexec/xdg-desktop-portal
 1264 winson    20   0  548M 18492     0 S  0.0  0.2  0:00.00 /usr/libexec/xdg-desktop-portal
 1265 winson    20   0  548M 18492     0 S  0.0  0.2  0:00.00 /usr/libexec/xdg-desktop-portal
 1267 winson    20   0  528M  7016  6288 S  0.0  0.1  0:00.02 /usr/libexec/xdg-document-portal
 1268 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1269 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1270 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1272 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1273 root      20   0  2292  1752  1648 S  0.0  0.0  0:00.00 fusermount3 -o rw,nosuid,nodev,fsname=portal,auto_unmount,subtype=portal -- /run/user/1000
 1276 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1277 winson    20   0  528M  7016     0 S  0.0  0.1  0:00.00 /usr/libexec/xdg-document-portal
 1278 winson    20   0  404M 21124 16664 S  0.0  0.3  0:00.20 /usr/libexec/xdg-desktop-portal-gtk
 1279 winson    20   0  383M 11196  9424 S  0.0  0.1  0:00.03 /usr/libexec/gvfs-udisks2-volume-monitor
 1280 winson    20   0  404M 21124     0 S  0.0  0.3  0:00.00 /usr/libexec/xdg-desktop-portal-gtk
 1281 winson    20   0  404M 21124     0 S  0.0  0.3  0:00.00 /usr/libexec/xdg-desktop-portal-gtk
 1283 winson    20   0  383M 11196     0 S  0.0  0.1  0:00.00 /usr/libexec/gvfs-udisks2-volume-monitor
```

Right terminal (Windows PowerShell):

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\winso> ssh winson@192.168.0.108
The authenticity of host '192.168.0.108 (192.168.0.108)' can't be established.
ED25519 key fingerprint is SHA256:O5otsq8uUHX/94gV2wVAEN9cfaUbBPC2vuKgHkSFul8.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.0.108' (ED25519) to the list of known hosts.
winson@192.168.0.108's password:
Linux winson 6.12.47+rpt-rpi-v8 #1 SMP PREEMPT Debian 1:6.12.47-1+rpt1 (2025-09-16) aarch64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Oct  8 04:59:29 2025 from 192.168.0.221
winson@winson:~ $ openssl speed aes-128-cbc sha256
Doing sha256 ops for 3s on 16 size blocks: 3134342 sha256 ops in 3.00s
Doing sha256 ops for 3s on 64 size blocks: 2251843 sha256 ops in 3.00s
Doing sha256 ops for 3s on 256 size blocks: 1223640 sha256 ops in 3.00s
Doing sha256 ops for 3s on 1024 size blocks: 432392 sha256 ops in 3.00s
Doing sha256 ops for 3s on 8192 size blocks: 61479 sha256 ops in 3.00s
Doing sha256 ops for 3s on 16384 size blocks: 31181 sha256 ops in 3.00s
Doing aes-128-cbc ops for 3s on 16 size blocks: 8338306 aes-128-cbc ops in 3.00s
Doing aes-128-cbc ops for 3s on 64 size blocks: 2279952 aes-128-cbc ops in 3.00s
Doing aes-128-cbc ops for 3s on 256 size blocks: 587426 aes-128-cbc ops in 3.00s
Doing aes-128-cbc ops for 3s on 1024 size blocks: 147950 aes-128-cbc ops in 3.00s
Doing aes-128-cbc ops for 3s on 8192 size blocks: 18526 aes-128-cbc ops in 3.00s
Doing aes-128-cbc ops for 3s on 16384 size blocks:
```
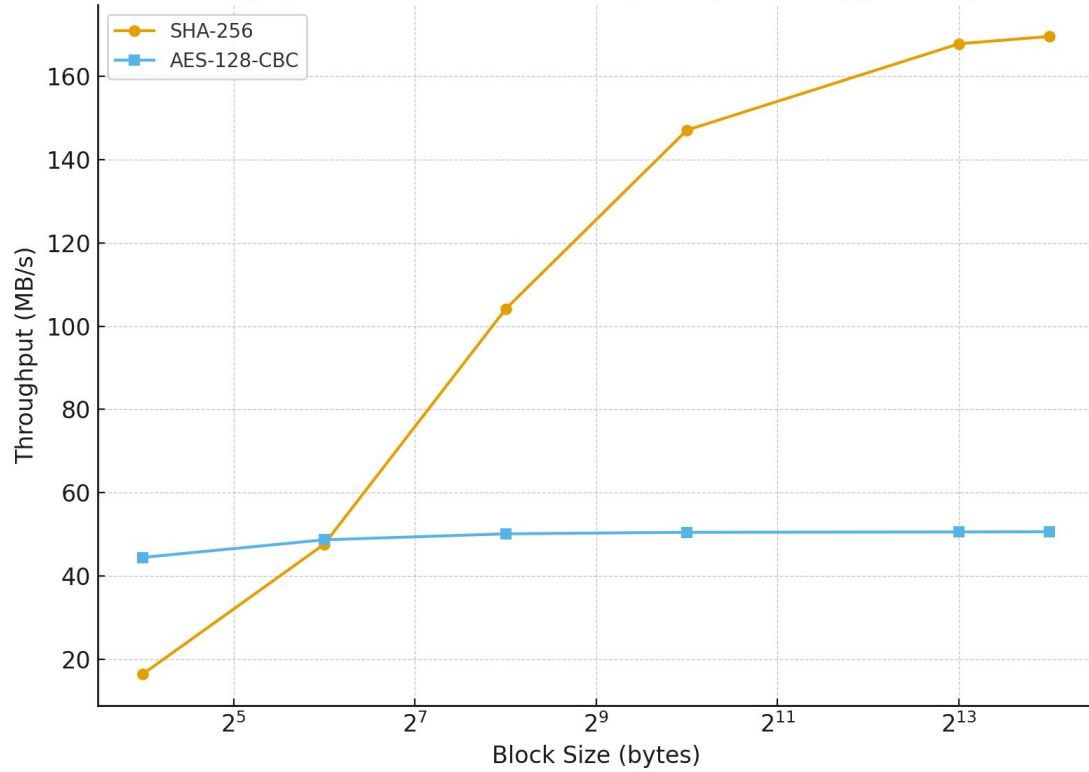
Throughput vs Block Size (Raspberry Pi 5 Crypto Engine)

Latency vs Block Size (Raspberry Pi 5 Crypto Engine)