

## VIM1 Specifications

| Model                      | VIM1   | VIM1 Pro          |
|----------------------------|--|-------------------|
| Processor                  | Amlogic S905X<br>1.5 GHz 64Bit Quad Core ARM Cortex-A53<br>750MHz+ Penta Core Mali-450 GPU<br>HW UHD H.265/VP9 60fps 10bit video decoder<br>HDR10 and HLG HDR video processing |                   |
| DDR3                       | 2GB  |                   |
| EMMC                       | 8GB  | 16GB              |
| Wi-Fi                      | AP6212 (b/g/n)   | AP6255 (b/g/n/ac) |
| Bluetooth                  | 4.2  |                   |
| LAN                        | 100Mbps  |                   |
| HDMI 2.0a                  | Type-A Female, up to 4K@60Hz   |                   |
| HDMI CEC                   | Yes  |                   |
| VIN                        | Extra power input supported  |                   |
| USB Type-C                 | USB2.0 OTG & 5V DC IN  |                   |
| Buttons                    | 3 User Buttons(Reset/Power/Function)   |                   |
| USB2.0 HOST                | x2 (500mA & 900mA each respectively)   |                   |
| TF Card Slot               | 256GB Max  |                   |
| RTC & RTC Battery Port     | Yes  |                   |
| IR Receiver                | Dual Channels  |                   |
| 40-Pin GPIO Header(2.54mm) | USBx2, I2Cx2, UARTx2, SPDIF, PWM, ADC, GPIOs   |                   |
| Indicator                  | Red + Blue LEDs  |                   |
| Board Dimensions           | 82.0 x 57.5 x 11.5 mm  |                   |
| Mounting Holes             | Size M2 x 4  |                   |
| Board Weight               | 28.5g  |                   |
| Linux                      | Mainline Linux (Linux 5.0+)  |                   |
| Bootloader                 | Mainline U-Boot  |                   |
| Linux Distros              | Ubuntu 18.04+ / Armbian  |                   |
| O/S for HTPC               | Android TV / LibreELEC   |                   |
| Android                    | Android Nougat (7.1)   |                   |
| Certifications             | CE, RoHS   |                   |