

# Specification

## Basic Specifications

SOC	Rockchip RK3399
CPU	Six-core 64-bit processor (2×Cortex-A72 + 4×Cortex-A53), frequency up to 1.8GHz
GPU	Mali-T860 MP4 quad-core GPU, Support OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
VPU	Support 4K VP9 and 4K 10bits H265/H264 video decoding, up to 60fps 1080P multi-format video decoding (WMV, MPEG-1/2/4, VP8) 1080P video encoding, support H.264 and VP8 Video post-processing: IVTC, denoising, edge/detail/color optimization
RAM	2GB/4GB LPDDR4
Storage	16GB/32GB/64GB/128GB eMMC SPI Flash: on-board 16MB (16MB-512 MB optional)
Storage Expansion	1 × PCIe2.1 (2Lane), can expand with one 2242 NVMe SSD 1 × TF Card Slot

## Hardware Specifications

Wireless	Support 2.4GHz/5GHz dual-band WiFi, Support 802.11 a/b/g/n/ac protocol Support Bluetooth 5.0 (BLE)
Ethernet	1000Mbps Gigabit Ethernet (RJ45)
Video Output	1 × HDMI2.0, 4K@60fps video output 1 × DP1.2 (USB-C), 4K@60fps video output * Support dual-monitor display: 1×USB-C (2K output)+ 1×HDMI (4K output)
Audio	1 × 3.5mm audio jack (MIC input) 1 × HDMI2.0 audio output 1 × DP1.2 audio output (USB-C)
USB	1 × USB3.0 (Limit 1000 mA) 1 × USB2.0 (Limit 500 mA) 1 × USB-C multi-function interface (USB3.0 OTG data transmission and DP1.2video output)
Button	1 × Power key 1 × Recovery key (at the bottom of the audio jack)
IR	Support infrared remote control
Power	DC12V (5.5*2.1mm jack, support 9V~24V wide voltage input)

## OS/Software

OS	Support Android10.0, Ubuntu20.04, Station OS, Debian9, Linux+QT, etc. Support TF card, EMMC, SSD and USB flash drive boot up
----	---

## General

Size	119mm×124.4mm×27mm
Appearance	Industrial-grade metal enclosure, all aluminium alloy top cover, matte black, and fanless design
Weight	≈0.52kg
Power Consumption	Idle: 0.12W Typical: 3.6W Max: 9.6W
Environment	Operating Temperature: -20℃ - 60℃ Storage Temperature: -20℃ - 70℃ Storage Humidity: 10% ~ 80 %

## Dimension



## Interface

