

# Specifications



Basic Specifications	
SOC	RK3399
CPU	6-core 64-bit (Cortex- A72×2 + Cortex- A53×4) processor, frequency up to 1.8GHz
GPU	Mali-T860 MP4 Quad-core GPU Supports OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
VPU	4K@60fps H265/H264/VP9 video decoding 1080P multi-format video decoding (WMV, MPEG-1/2/4, VP8) 1080P video encoding (H.264, VP8)
RAM	2GB/4GB LPDDR4
Storage	16GB/32GB/64GB/128GB eMMC (onboard)
Storage Expansion	Supports M.2 PCIe2.1 NVMe SSD (2242) Supports TF card
Hardware	
Ethernet	1 × 1000Mbps Ethernet (RJ45)
Wireless	2.4G Hz/5GHz dual-band WiFi. Supports 802.11 a/b/g/n/ac protocol Bluetooth 5.0 (Supports BLE)

Display	<p>1 x HDMI 2.0, 4K@60Hz</p> <p>1 x DP1.2 (USB-C) , 4K@60Hz</p> <p>* Supports dual-screen display: 1×USB-C (2K output) + 1×HDMI (4K output)</p>
Audio	<p>1 x Audio (3.5mm, with MIC)</p> <p>1 x HDMI output</p> <p>1 x DP output (Type-C)</p>
USB	<p>1 x USB 2.0 (Limit: 500 mA)</p> <p>1 x USB 3.0 (Limit: 1000 mA)</p> <p>1 x USB-C (USB3.0 / OTG / DP1.2)</p>
Key	<p>1 x Power key</p> <p>1 x Recovery key (at the bottom of 3.5mm jack)</p>
IR	Supports infrared remote control
Power	DC12V-2A (5.5*2.1mm), Supports 9-12V wide voltage input

## OS/Software

OS	<p>Station OS, Android, Ubuntu, Debian9, Linux+QT</p> <p>Supports TF card, EMMC, SSD, U disk bootup</p>
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## General

Size	124.4 mm × 79 mm × 31.6 mm
Power Consumption	<p>Idle: 0.12W</p> <p>Normal: 3.6W</p> <p>Max: 9.6W</p>
Environment	<p>Operating Temperature: -20°C - 60°C</p> <p>Storage Temperature: -20°C - 70°C</p> <p>Storage Humidity: 10% - 80 %</p>