

Specifications



Basic Specifications	
CPU	RK3588S Octa-core 64-bit CPU, clock speed up to 2.4GHz, Mali-G610 MP4 GPU NPU computing power up to 6 TOPS
Video Decoding	8K@60fps H.265/VP9/AVS2、8K@30fps H.264 AVC/MVC 4K@60fps AV1 1080P@60fps MPEG-2/-1/VC-1/VP8
RAM	4GB/8GB/16GB LPDDR4
Storage	32GB/64GB/128GB/256GB eMMC
Storage Expansion	M.2 SATA3.0 (2242) ×1 , Support SATA3.0 SSD (default) Compatible with PCIe2.0 NVMe SSD, TF card slot ×1
Hardware Specifications	
Wireless	2.4GHz / 5GHz dual-band WiFi, 802.11 a/b/g/n/ac protocol, Bluetooth4.2
Ethernet	1000Mbps Ethernet (RJ45) ×1
Video Output	HDMI2.1 (8K@60fps or 4K@120fps) ×1 DP1.4 (USB-C multi-function port, 8K@30fps) ×1
Audio Output	3.5mm audio jack ×1
USB	USB3.0 (current limit: 1A) ×1 USB2.0 (current limit: 500mA) ×1 USB-C multi-function port (USB3.0 OTG/DP1.4, current limit: 2A) ×1
Power	DC12V input (5.5×2.1mm, recommend 12V/1.5A or above)

OS/Software	
OS	Station OS (default) Support Android, Ubuntu and more
General	
Dimension	96.6mm×73mm×32.8mm
Button	Power button ×1 Recovery button (at the bottom of the 3.5mm audio jack) ×1
Power Consumption	Idle: ≈0.42W (12V/35mA) Typical: ≈3W (12V/250mA) Max: ≈14.4W (12V/1200mA)
Environment	Operating Temperature: -20°C ~ 60°C Storage Temperature: -20°C ~ 70°C Storage Humidity: -40% ~ 70 %