

Android 12 Octa Core: 8K 6

Processor

Processor	Rockchip RK3588 8-core processor
GPU	Rockchip RK3588 8-core processor, Quad-Core Cortex-A76 Quad-Core Cortex-A55
GPU	ARM Mali-G610 MC4 OpenGL ES 1.1/2.0/3.1/3.2 Vulkan 1.1, 1.2 OpenCL 1.1,1.2,2.0
GPU	2D acceleration
GPU	6-core (int4/int8/int16/FP16/BF16/TF32)
RAM	4GB/8GB (64-bit LPDDR4/LPDDR4x)
Storage	32G/64G/128G/256G (eMMC5.0/ 5.1)
WiFi	IEEE 802.11a/b/g/n/ac/ax
WiFi	Wi-Fi6 2.4GHz/5.8GHz (PCIe v3.0)
WiFi	2T2R
OS	Android 12
OS	5.0

Video

Video	MPEG-1, MPEG-2, MPEG-4, H.263, H.264, H.265, VC-1, VP9, VP8 MVC, AV1 MMU
Video	H.264 AVC/MVC Main10 L6.0 : 8K@30fps (7680x4320)
Video	VP9/2 L6.1 : 8K@60fps (7680x4320)
Video	H.265 HEVC/MVC Main10 L6.1 : 8K@60fps (7680x4320)
Video	AVS2 Profile0/2 L10.2.6 : 8K@60fps (7680x4320)
Video	AV1 8/10-bit L5.3 : 4K@60fps (3840x2160)
Video	MPEG-2 MP : 1080p@60fps (1920x1088)
Video	MPEG-1 MP : 1080p@60fps (1920x1088)
Video	VC-1 AP 3 : 1080p@60fps (1920x1088)
Video	VP8 2 : 1080p@60fps (1920x1088)
Video	H.265/H.264 8K@30fps
Video	ISP 16M HDR&3DNR
Video	I2S0 8-channels
Video	8 TX 8 RX
Video	16-channels 32-channels
Video	192KHz
Video	3-channels I2S (early, late1, late2, late3)
Video	4-channels PCM (early, late1, late2, late3)
Video	TDM 1/2, 1, 2
Video	I2S, PCM, TDM

Power

Power	DC 12V/2A
Power	
Power	BT
HDMI	HDMI OUT 1: HDMI 2.1/7680x4320@60Hz
HDMI	HDMI OUT 2: HDMI 2.1/4096x2304@60Hz
HDMI	HDMI IN: HDMI 2.0/HDMI 1.4b 4K x 2K (3840x2160p@24Hz/25Hz/30Hz) 4096x2160p@24Hz

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□□□□ TF

□□□□ USB

□□□□□□-C

□□□□ 1*3.5 □□

□□□□□□□□□□ 1:1*1000M(RGMII)

□□□□□□□□□□ 2:1*1000M

1 * □□□□ TF

2*□□□□□□□□ 2.0 (□□□□□□)

1 * USB3.0 (□□□□□□)

1 * □□□□□□□□□□□□□□□□□□□□ Type C 3.0 (□□□□□□□□□□□□□□)



Rockchip RK3588

Next generation Octa-Core processor with high performance AI system-on-module



8K Ultra High Quality

Unlock the potential of 8K video output and 4K video input. Rich details display to let you see the world more clearly.



4K 3840×2160

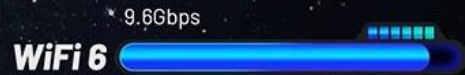
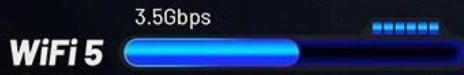


8K 7680×4320



WiFi 6

WiFi6 is faster and has a larger capacity



2T2R 802.11 ax/ac/a/b/g/n



BT 5.0



Android 12/Linux Debian11

Compatible with Android and Linux operating systems



Multi-Screen Different Display

Enhance your viewing experience with multi-screen display.
Perfect for immersive, high-definition, multi-screen interactive scenarios.



Large Memory Capacity

Large storage capacity up to 32GB RAM and 128GB ROM, which allows you to install a wide number of applications.

RAM



4G

8G

16G

32G

ROM



16G

32G

64G

128G



WHAT CAN WE DO?



Watch movies



Working Conference



Teaching



Play games

8K Octa Core

8K Ultra HD

Android 12 Octa Core 8K Ultra HD

Android 12

Android 12 Google Play Store

WiFi 6

WiFi 6 WiFi 6 Bluetooth USB, HDMI 2.1

Android 12 Octa Core

