

Rockchip RK3588 Android 12

Processor	Rockchip RK3588
CPU	Rockchip RK3588 8nm Cortex-A76 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
AI	2D/3D
AIOPS	6 TOPS int4/int8/int16/FP16/BF16/TF32
RAM	4GB/8GB LPDDR4/LPDDR4x
Storage	32G/64G/128G/256G eMMC5.0/5.1
Network	IEEE 802.11a/b/g/n/ac/ax
Wireless	Wi-Fi6 2.4GHz/5.8GHz PCIe v3.0
Bluetooth	2T2R
OS	Android 12
Version	5.0

Video	<ul style="list-style-type: none"> * MPEG-1, MPEG-2, MPEG-4, H.263, H.264, H.265, VC-1, VP9, VP8 MVC, AV1 * MMU * H.264 AVC/MVC Main10 L6.0 8K@30fps (7680x4320) * VP9 Profile0/2 L6.1 8K@60fps (7680x4320) * H.265 HEVC/MVC Main10 L6.1 8K@60fps (7680x4320) * AVS2 Profile0/2 L10.2.6 8K@60fps (7680x4320) * AV1 8/10bit L5.3 4K@60fps (3840x2160) * MPEG-2 MP 1080p@60fps (1920x1088) * MPEG-1 MP 1080p@60fps (1920x1088) * VC-1 AP 3 1080p@60fps (1920x1088) * VP8 2 1080p@60fps (1920x1088) * H.265/H.264 8K@30fps * 1600 ISP HDR&3DNR I2S0 8 * 8 TX 8 RX * 16 32 * 192KHz * 3 I2S * 4 PCM early/late1/late2/late3 * TDM 1/2 1 2 * I2S PCM TDM
Audio	<ul style="list-style-type: none"> I2S0 8 * 8 TX 8 RX * 16 32 * 192KHz * 3 I2S * 4 PCM early/late1/late2/late3 * TDM 1/2 1 2 * I2S PCM TDM

Power	DC 12V/2A
BT	BT
HDMI	<ul style="list-style-type: none"> HDMI 1 HDMI 2.1/7680x4320@60Hz HDMI 2 HDMI 2.1/4096x2304@60Hz HDMI 3 HDMI 2.0/HDMI 1.4b 4K x 2K 3840x 2160p@24Hz/25Hz/30Hz 4096x2160p@24Hz
Camera	1*3.5mm
Network	1*1000M(RGMII)
Storage	2*1000M
TF	1*TF
USB	2*USB 2.0
	1*USB3.0
C	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

WiFi 5 3.5Gbps

WiFi 6 9.6Gbps

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



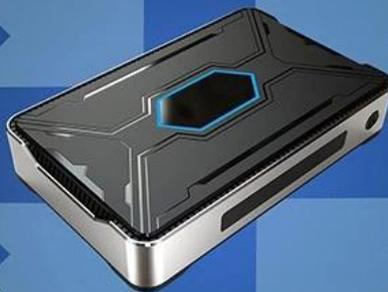
WHAT CAN WE DO?



Watch movies



Working Conference



Teaching



Play games

Interface & Dimension



Rockchip RK3588 Android 12

RK3588

Rockchip RK3588 8K CPU

8K

8K 8K 4K GPU

Android 12 特色

Android 12 提供許多新特性，包括 Google Play 商店、Netflix 及 Hulu 等應用程式，Android 12 提供許多新特性。

WiFi 6

WiFi 6 提供許多新特性，包括 WiFi 6 提供許多新特性，包括 WiFi 6 提供許多新特性，包括 8K 影片、WiFi 6 提供許多新特性。

其他

Rockchip RK3588 提供許多新特性，包括 USB、HDMI 提供許多新特性，包括 Rockchip RK3588 提供許多新特性。

其他

Rockchip RK3588 Android 12 提供許多新特性，包括 8K 影片、Rockchip RK3588 提供許多新特性。