

RK3588 Octa Core Streaming Media Player

Specifications

Model No.	Rockchip RK3588 Octa Core Streaming Media Player
CPU	Rockchip RK3588 8nm process, 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 Embedded high performance 2D image acceleration module
NPU	6 TOPS (Supports int4/int8/int16/FP16/BF16/TF32)
RAM	4GB/8GB (64bit LPDDR4/LPDDR4x)
ROM	32G/64G/128G/256G (eMMC5.0/ 5.1)
WiFi	Type IEEE 802.11a/b/g/n/ac/ax Frequency Wi-Fi6 2.4GHz/5.8GHz (PCIe v3.0) Antenna Type 2T2R
OS	Android 12 and Multi-Language
Bluetooth	Bluetooth 5.0

Video&Audio CODEC

Video Codec	<ul style="list-style-type: none">* Real-time video decoder of MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8 MVC,AV1* MMU Embedded* Multi-channel decoder in parallel for less resolution* 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 Main Profile 8/10bit L5.3 : 4K@60fps (3840x2160)* MPEG-2 up to MP : 1080p@60fps (1920x1088)* MPEG-1 up to MP : 1080p@60fps (1920x1088)* VC-1 up to AP level 3 : 1080p@60fps (1920x1088)* VP8 version2 : 1080p@60fps (1920x1088)
Audio Codec	<p>Video Encoder</p> <ul style="list-style-type: none">* Real-time H.265/H.264 video encoding* Support up to 8K@30fps* Multi-channel encoder in parallel for less resolution* Dual 16M Pixel ISP with HDR&3DNR <p>I2S0 with 8 channels</p> <ul style="list-style-type: none">* Up to 8 channels TX and 8 channels RX path* Audio resolution from 16bits to 32bits* Sample rate up to 192KHz <p>Provides master and slave work mode, software configurable</p> <ul style="list-style-type: none">* Support 3 I2S formats (normal, left-justified, right-justified)* Support 4 PCM formats (early, late1, late2, late3)* Support TDM normal, 1/2 cycle left shift, 1 cycle left shift, 2 cycle left shift, right shift mode serial audio data transfer* I2S, PCM and TDM mode cannot be used at the same time

I/O Port

Power Supply	DC 12V/2A Power ON: Blue
RTC	Support
IR	Infrared + BT Voice Remote
HDMI	HDMI OUT 1:HDMI 2.1/7680x4320@60Hz HDMI OUT 2:HDMI 2.1/4096x2304@60Hz HDMI IN:HDMI 2.0/HDMI 1.4b 4K x 2K video formats(3840x2160p@24Hz/25Hz/30Hz and 4096x2160p@24Hz)
Earphone	1*3.5mm Port
Ethernet	Ethernet 1:1*1000M(RGMII) Ethernet 2:1*1000M
TF Card	1*TF Card

USB port 2*USB 2.0 (Host)
 1*USB3.0 (Host)
Type-C 1*Type C 3.0 (Download Port) Supported Devices



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

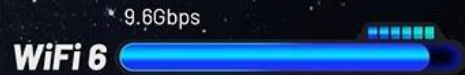
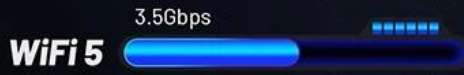


8K 7680×4320



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



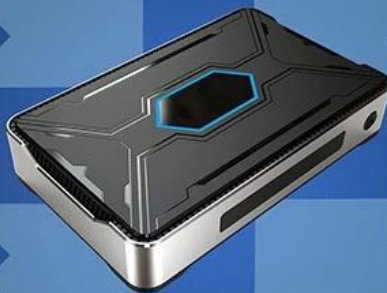
WHAT CAN WE DO?



Watch movies



Working Conference

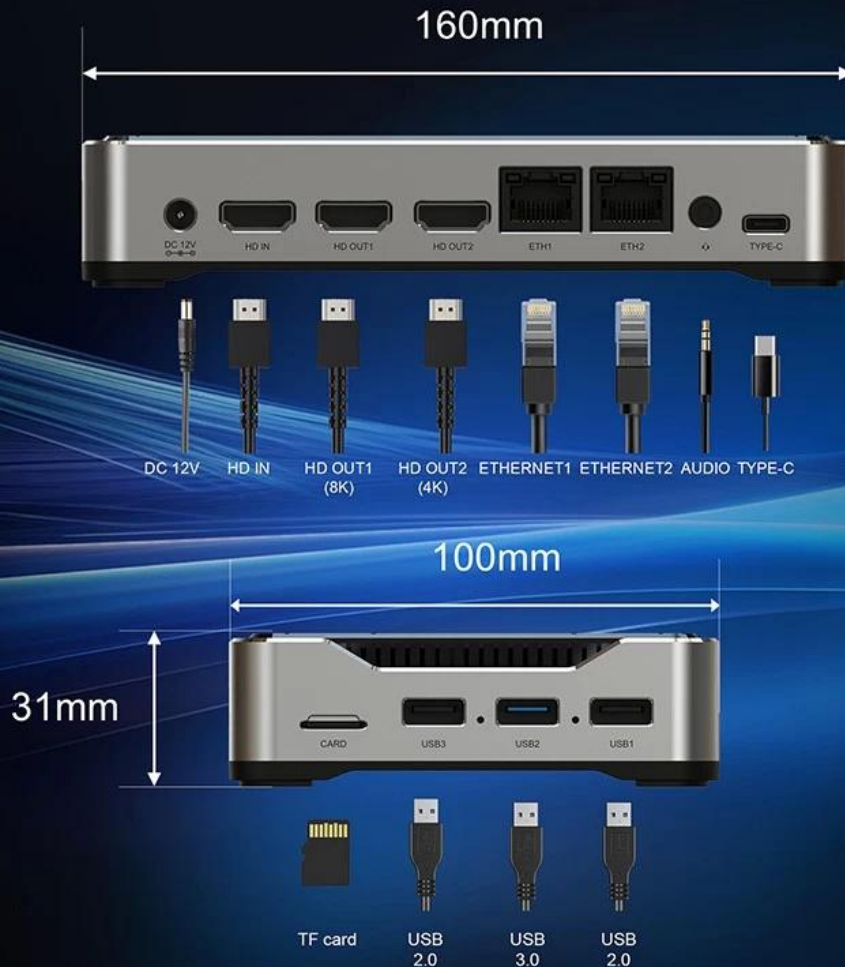


Teaching



Play games

Interface & Dimension



Introduction

The RK3588 Octa Core Streaming Media Player is engineered for those who demand the best in home entertainment. With its powerful hardware and advanced features, this device is designed to deliver an exceptional streaming experience, whether you're watching movies, playing games, or using apps. The RK3588 chipset is at the heart of this media player, providing the power needed to handle even the most demanding 8K Ultra HD content with ease.

Powerful Octa Core Processor

The RK3588 Octa Core processor is the driving force behind this media player's outstanding performance. With eight cores working together, it delivers high-speed processing and seamless multitasking capabilities. This ensures that the device can handle 8K streaming, gaming, and other intensive tasks without breaking a sweat. The result is a smooth, responsive experience that enhances every aspect of your home entertainment.

8K Ultra HD Streaming

One of the standout features of the RK3588 Octa Core Streaming Media Player is its support for 8K Ultra HD content. As streaming services continue to offer higher resolution content, having a device that can fully support 8K is crucial for the best viewing experience. The RK3588 delivers incredible clarity and detail, with vibrant colors and deep contrasts that make every scene come to life. Whether you're watching the latest blockbuster or a classic film, the 8K capability ensures you see every detail in stunning quality.

Android 12 Operating System

The RK3588 Streaming Media Player runs on Android 12, providing a modern, user-friendly interface that's easy to navigate. Android 12 brings a host of new features and improvements, including enhanced privacy settings, improved performance, and a more intuitive design. With access to the Google Play Store, you can download thousands of apps, from streaming services to games and productivity tools. This flexibility allows you to customize your media player to fit your personal entertainment preferences, making it a versatile addition to your home.

Advanced Connectivity with WiFi 6

To ensure a seamless streaming experience, the RK3588 Octa Core Streaming Media Player is equipped with WiFi 6 technology. WiFi 6 offers faster speeds, greater capacity, and lower latency compared to previous generations, making it ideal for streaming 8K content without interruptions. This advanced connectivity ensures that your media player remains fast and responsive, even when multiple devices are connected to the same network. The device also includes several connectivity options, such as USB ports and HDMI 2.1, allowing you to connect peripherals and external devices easily.

Versatile Entertainment Center

The RK3588 Octa Core Streaming Media Player is more than just a streaming device; it's a complete entertainment center. Its powerful hardware and versatile features allow you to use it for a wide range of activities, from streaming movies and TV shows to gaming and browsing the internet. The device supports multiple formats and resolutions, ensuring compatibility with various content types. With its sleek design and compact size, the RK3588 fits seamlessly into any home theater setup, making it an essential addition to your entertainment system.

Conclusion

The RK3588 Octa Core [Streaming Media Player](#) is an exceptional choice for anyone looking to enhance their home entertainment experience. With its powerful processor, 8K Ultra HD support, Android 12 operating system, and advanced connectivity features, this media player delivers top-tier performance across the board. Whether you're streaming, gaming, or exploring new apps, the RK3588 provides a smooth, immersive experience that sets it apart from the competition. Upgrade your entertainment setup with the RK3588 Octa Core Streaming Media Player and enjoy the future of streaming today.