

# Experience Lightning-Fast Performance with an Octa Core Android TV Box

## Specifications

Model No.	Rockchip RK3588 Octa Core Android TV Box
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"><li>* Real-time video decoder of MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8 MVC,AV1</li><li>* MMU Embedded</li><li>* Multi-channel decoder in parallel for less resolution</li><li>* H.264 AVC/MVC Main10 L6.0 : 8K@30fps (7680x4320)</li><li>* VP9 Profile0/2 L6.1 : 8K@60fps (7680x4320)</li><li>* H.265 HEVC/MVC Main10 L6.1 : 8K@60fps (7680x4320)</li><li>* AVS2 Profile0/2 L10.2.6 : 8K@60fps (7680x4320)</li><li>* AV1 Main Profile 8/10bit L5.3 : 4K@60fps (3840x2160)</li><li>* MPEG-2 up to MP : 1080p@60fps (1920x1088)</li><li>* MPEG-1 up to MP : 1080p@60fps (1920x1088)</li><li>* VC-1 up to AP level 3 : 1080p@60fps (1920x1088)</li><li>* VP8 version2 : 1080p@60fps (1920x1088)</li></ul>
Audio Codec	<p>Video Encoder</p> <ul style="list-style-type: none"><li>* Real-time H.265/H.264 video encoding</li><li>* Support up to 8K@30fps</li><li>* Multi-channel encoder in parallel for less resolution</li><li>* Dual 16M Pixel ISP with HDR&amp;3DNR</li></ul> <p>I2S0 with 8 channels</p> <ul style="list-style-type: none"><li>* Up to 8 channels TX and 8 channels RX path</li><li>* Audio resolution from 16bits to 32bits</li><li>* Sample rate up to 192KHz</li><li>* Provides master and slave work mode, software configurable</li><li>* Support 3 I2S formats (normal, left-justified, right-justified)</li><li>* Support 4 PCM formats (early, late1, late2, late3)</li><li>* Support TDM normal, 1/2 cycle left shift, 1 cycle left shift, 2 cycle left shift, right shift mode serial audio data transfer</li><li>* I2S, PCM and TDM mode cannot be used at the same time</li></ul>

## 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

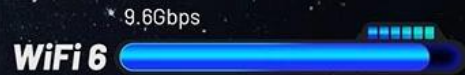
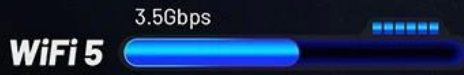


8K 7680×4320



# 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





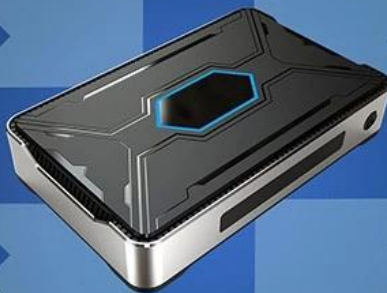
# WHAT CAN WE DO?



Watch movies



Working Conference



Teaching



Play games

# Interface & Dimension



## Introduction

The Octa Core Android TV Box represents the pinnacle of modern home entertainment technology, combining cutting-edge performance with unparalleled versatility. Designed to meet the demands of today's tech-savvy consumers, this TV box is powered by an Octa Core processor, which provides the speed and efficiency needed to handle even the most demanding tasks. Whether you're streaming 8K Ultra HD content, playing high-definition games, or multitasking between various apps, the Octa Core Android TV Box delivers a seamless and responsive experience.

## Unmatched Performance with Octa Core Processing

The core strength of this device lies in its powerful Octa Core processor, which is engineered to deliver lightning-fast performance. The eight cores work in harmony to ensure that every operation, from app launching to 8K video playback, is executed with precision and speed. This high-performance processing power is crucial for maintaining smooth and lag-free operation, particularly when handling high-resolution content and resource-intensive applications. Whether you're

streaming, gaming, or browsing, the Octa Core processor ensures that your experience is fluid and uninterrupted.

### **8K Ultra HD Streaming for Superior Visuals**

The Octa Core Android TV Box is designed to support 8K Ultra HD streaming, making it an ideal choice for those who demand the highest quality visuals. 8K resolution offers four times the detail of 4K, delivering an unparalleled viewing experience with crystal-clear images, vibrant colors, and incredible depth. This level of detail is perfect for watching movies, sports, and nature documentaries, allowing you to see every nuance in stunning clarity. The TV box's powerful hardware ensures that 8K content plays smoothly, without any buffering or stuttering, providing a truly immersive viewing experience.

### **Android OS: Access to Endless Entertainment**

Running on the latest Android operating system, the Octa Core Android TV Box provides a user-friendly interface that is both intuitive and highly customizable. The Android OS gives you access to the Google Play Store, where you can download a vast array of apps, from streaming services like Netflix, Hulu, and Disney+ to games, productivity tools, and more. This versatility ensures that your TV box can serve as a comprehensive entertainment hub, catering to all your needs. The operating system is also optimized for faster performance, ensuring that apps load quickly and run smoothly, further enhancing your user experience.

### **Advanced Connectivity with WiFi 6**

To complement its powerful processing capabilities and high-definition streaming, the Octa Core Android TV Box features WiFi 6 connectivity. WiFi 6 offers faster data transfer speeds, greater capacity, and lower latency compared to previous WiFi standards, making it ideal for streaming high-definition content and using multiple devices simultaneously. This advanced connectivity ensures that your streaming experience is smooth and uninterrupted, even in busy households with multiple devices connected to the network. Whether you're streaming a movie, downloading a game, or conducting a video call, WiFi 6 provides the stable and reliable connection you need.

### **Versatile and Easy to Use**

Beyond its impressive hardware and connectivity features, the Octa Core Android TV Box is designed for ease of use. Its sleek, modern design fits seamlessly into any home entertainment setup, while its intuitive interface makes it easy to navigate and customize to your preferences. The TV box also supports various external devices through its multiple USB ports, HDMI outputs, and Bluetooth connectivity, allowing you to expand your entertainment options with additional peripherals.

### **Conclusion**

In summary, the Octa Core [Android TV Box](#) is a top-tier device that offers an unparalleled combination of speed, performance, and visual excellence. With its powerful Octa Core processor, 8K Ultra HD streaming capabilities, and advanced WiFi 6 connectivity, this TV box is designed to meet the needs of even the most demanding users. Whether you're a cinephile, a gamer, or simply someone who values high-quality home entertainment, the Octa Core Android TV Box delivers an exceptional experience that will transform your TV viewing habits. Upgrade your home entertainment system today with the Octa Core Android TV Box and enjoy the future of streaming and gaming right in your living room.