Android 12 Octa Core Internet TV Box: Seamless 8K Streaming and WiFi 6 Connectivity

Specifications	
Model No.	Rockchip RK3588 Octa Core Internet 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

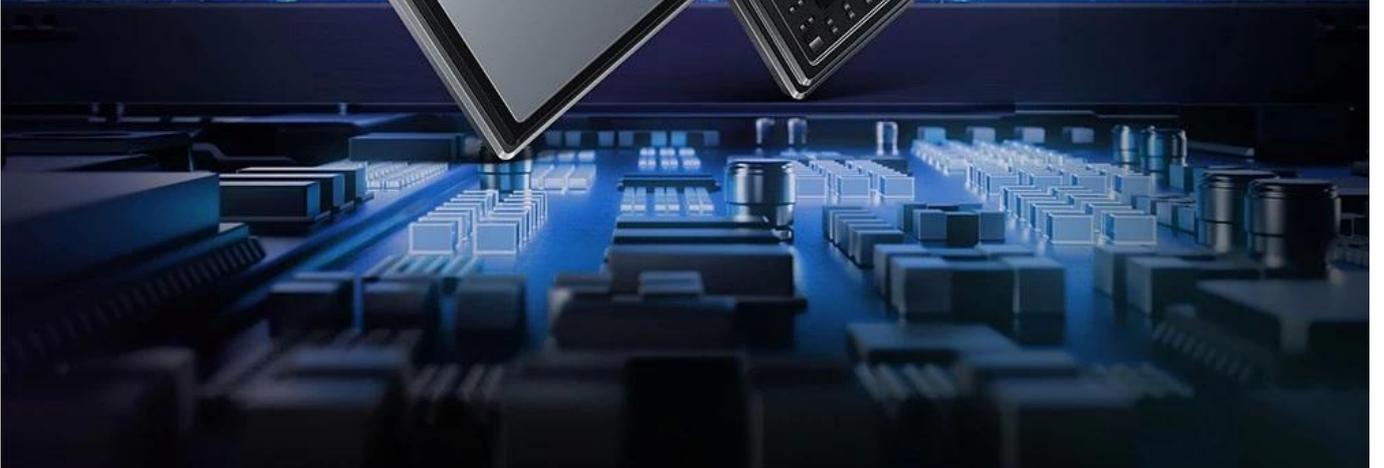| Video&Audio CODEC	
Video Codec	* Real-time video decoder of MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8 MVC,AV1 * MMU Embedded * Multi-channel decoder in parallel for less resolution * H.264 AVC/MVC Main10 L6.0 : 8K@30fps (7680x4320) * VP9 Profile0/2 L6.1 : 8K@60fps (7680x4320) * H.265 HEVC/MVC 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) Video Encoder * 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
Audio Codec	I2S0 with 8 channels * Up to 8 channels TX and 8 channels RX path * Audio resolution from 16bits to 32bits * Sample rate up to 192KHz * Provides master and slave work mode, software configurable * 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(3840x 2160p@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

8K Ultra High Quality

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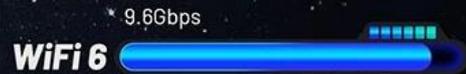Rich details display to let you see the world more clearly.

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.
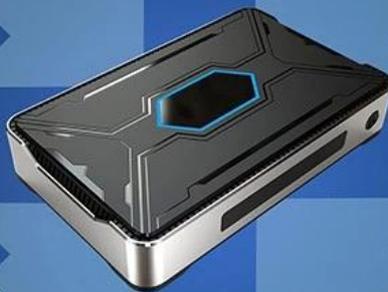
RAM **4G 8G 16G 32G** ROM **16G 32G 64G 128G**

RAM **32** GB

WHAT CAN WE DO?

Watch movies

Working Conference

Teaching

Play games

Interface & Dimension

160mm

DC 12V | HD IN | HD OUT1 (8K) | HD OUT2 (4K) | ETHERNET1 | ETHERNET2 | AUDIO | TYPE-C

100mm

31mm

TF card | USB 2.0 | USB 3.0 | USB 2.0

Introduction

The Android 12 Octa Core Internet TV Box is more than just a streaming device—it's a complete entertainment system designed to deliver the highest quality viewing experience. With cutting-edge technology, including an Octa Core processor, Android 12 operating system, and WiFi 6 connectivity, this TV box is built to handle the demands of modern media consumption, from 8K Ultra HD streaming to gaming and app usage. Whether you're upgrading your current setup or starting fresh, this device provides the power and flexibility you need to transform your TV into a multifunctional entertainment hub.

Powerful Octa Core Processor

At the heart of this TV box lies an Octa Core processor, engineered to deliver lightning-fast performance. The eight cores work in tandem to ensure that even the most demanding tasks, like 8K streaming and high-definition gaming, are handled with ease. This powerful processor ensures that your media plays smoothly, without the stutters or delays that can mar your viewing experience.

Whether you're streaming the latest blockbuster in 8K, playing intensive games, or running multiple apps, the Octa Core processor ensures everything runs flawlessly.

8K Ultra HD Streaming

The Android 12 Octa Core Internet TV Box is designed to bring out the best in your 8K Ultra HD content. As 8K content becomes more prevalent, having a device capable of delivering this level of detail is essential. This TV box supports 8K streaming, ensuring every image is displayed with incredible clarity, vibrant colors, and deep contrasts. Whether you're watching movies, sports, or nature documentaries, the enhanced resolution allows you to see every detail with unparalleled realism. The box's powerful processing and advanced graphics capabilities make it ideal for future-proofing your entertainment setup, ensuring you can enjoy the highest quality content available.

Android 12 Operating System

Running on the latest Android 12, this TV box offers a more intuitive, user-friendly experience. Android 12 brings a host of new features and optimizations, including improved privacy settings, faster performance, and a redesigned user interface. The Google Play Store gives you access to a vast library of apps, from streaming services to games and productivity tools, allowing you to customize your TV box to suit your needs. The operating system is also optimized for better compatibility with the latest apps, ensuring you always have access to the newest and best entertainment options.

WiFi 6 Connectivity

To ensure that your streaming experience is as smooth as possible, this TV box is equipped with WiFi 6 technology. WiFi 6 offers faster speeds, increased capacity, and reduced latency, making it ideal for streaming 8K content, even in homes with multiple connected devices. This advanced connectivity ensures that you won't experience the buffering, lag, or interruptions that can detract from your viewing experience. The TV box also includes multiple connectivity options, such as USB ports, HDMI 2.1 for high-definition output, and Bluetooth, allowing you to connect all your peripherals and external devices with ease.

Versatile Entertainment Hub

Beyond streaming, the Android 12 Octa Core Internet TV Box serves as a versatile entertainment hub. Whether you're downloading and playing games, using apps, or simply browsing the web, this device is designed to handle it all. Its powerful hardware and expansive software options make it a perfect fit for any modern living room. With the ability to download content, access a wide range of apps, and connect to various devices, this TV box offers a comprehensive solution for all your entertainment needs.

Conclusion

The Android 12 Octa Core [Internet TV Box](#) is a top-tier device that brings the future of streaming into your home today. With its powerful processor, 8K Ultra HD streaming capability, and cutting-edge WiFi 6 connectivity, it offers an unparalleled entertainment experience. Whether you're a movie buff, a gamer, or someone who simply loves the best in home technology, this TV box is designed to exceed your expectations. Upgrade your viewing experience with the Android 12 Octa Core Internet TV Box and enjoy seamless, high-quality entertainment like never before.