Octa Core OTT TV Box: Combining Speed, Performance, and High-Quality 8K Streaming

Specifications		
Model No.	Rockchip RK3588 Octa Core OTT 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

Rockchip RK3588

Next generation Octa-Core processor with high
performance AI system-on-module
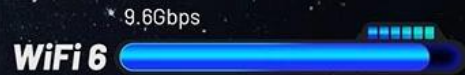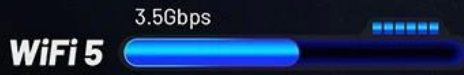
Android 12/Linux Debian11

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.

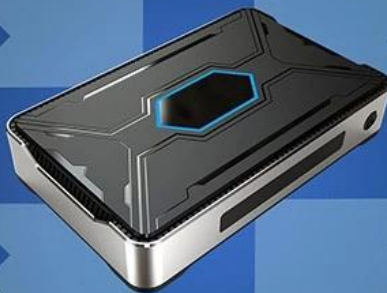RAM | 4G | 8G | 16G | 32G | ROM | 16G | 32G | 64G | 128G

WHAT CAN WE DO?

Watch movies

Working Conference

Teaching

Play games

Interface & Dimension

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 Octa Core OTT TV Box is engineered for those who seek the best in home entertainment. With a powerful Octa Core processor at its core, this device delivers outstanding speed and performance, making it the ideal choice for streaming, gaming, and much more. Whether you're looking to upgrade your current setup or start fresh, the Octa Core OTT TV Box provides the capabilities you need to transform your living room into a cutting-edge entertainment hub.

Unmatched Performance with Octa Core Processing

At the heart of this OTT TV Box lies an Octa Core processor, designed to handle the most demanding tasks with ease. The eight cores work together to provide lightning-fast processing power, ensuring that everything from app launching to 8K streaming runs smoothly. This level of performance is crucial for maintaining a seamless user experience, whether you're watching the latest blockbuster in stunning 8K resolution or multitasking between apps. The Octa Core processor ensures that you can enjoy your content without the delays or interruptions that can detract from the experience.

8K Ultra HD Streaming: A New Level of Clarity

The ability to stream 8K Ultra HD content is one of the standout features of this OTT TV Box. As 8K content becomes more available, having a device that can fully support this resolution is essential for a future-proof entertainment setup. The Octa Core OTT TV Box delivers breathtaking clarity and vivid colors, allowing you to see every detail in your favorite shows, movies, and sports. Whether you're watching the latest films, enjoying nature documentaries, or playing video games, the 8K support ensures that your viewing experience is nothing short of spectacular.

WiFi 6 Connectivity for Seamless Streaming

To complement its powerful processing and 8K streaming capabilities, the Octa Core OTT TV Box is equipped with WiFi 6 technology. WiFi 6 offers faster speeds, greater capacity, and lower latency than previous generations, making it ideal for households with multiple devices connected to the network. This advanced connectivity ensures that you can stream high-definition content without buffering, lag, or interruptions. Whether you're streaming a movie, participating in a video call, or downloading large files, WiFi 6 provides the stable, high-speed connection you need to enjoy your content without compromise.

Android OS: Versatility and Customization

Running on the latest Android operating system, the Octa Core OTT TV Box provides a versatile and user-friendly platform for accessing a wide range of apps and services. The Android OS offers a familiar, intuitive interface, making it easy to navigate through your favorite apps, games, and streaming services. With access to the Google Play Store, you can download and install a vast array of apps, from streaming services like Netflix and Disney+ to games and productivity tools. This level of customization allows you to tailor your OTT TV Box to your specific needs and preferences, ensuring that it serves as the perfect entertainment hub for your home.

Conclusion

The Octa Core [OTT TV Box](#) is the ultimate solution for those seeking top-tier performance and flexibility in their home entertainment setup. With its powerful Octa Core processor, 8K Ultra HD streaming support, and advanced WiFi 6 connectivity, this device offers an unparalleled viewing experience. Whether you're a movie buff, a gamer, or simply someone who values high-quality entertainment, the Octa Core OTT TV Box is designed to exceed your expectations. Upgrade your home entertainment system today with the Octa Core OTT TV Box and experience the future of streaming and gaming in your living room.