

Android TV Streaming Device with Allwinner H313 Quad-Core and WiFi 6

Specifications

CPU	Allwinner H313 Android TV Streaming Device
GPU	G31 OpenGL3.2 OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 Support
SDRAM	1.5GB (1GB/2GB Optional)
Flash	8GB (8GB/16GB Optional)
Wi-Fi	IEEE 802.11 a/b/g/n/ac/ax 2.4G & 5.8G
Bluetooth	Bluetooth V5.0
Android OS	Android 10

Video & Audio CODEC

Video	<ul style="list-style-type: none">• H.265 Main10@L5.1 decoder up to 4K@60fps• VP9 Profile 2 decoder up to 4K@30fps• AVS2 JiZhun 10bit decoder up to 4K@30fps• H.264 BP/MP/HP@L4.2 decoder up to 4K@30fps• Multi-format 1080p@60fps video playback formats, including H.264 BP/MP/HP, H.263 BP, VP8, MPEG-1 MP/HL, MPEG-2 MP/HL, MPEG-4 SP/ASP@L5, AVS+/AVS JiZhun, WMV9/VC1, etc
Audio	<ul style="list-style-type: none">• H.264 BP/MP/HP encoder up to 1080p@60fps• JPEG snapshot performance of 1080p@60fps• Two DAC channels• Supports 1 audio output interface (differential LINEOUTP/N or single-end LINEOUTL/LINEOUTR)• One Audio HUB, supporting internal mixing function• Embedded 3 I2S/PCM (I2S0 for extended audio codec, I2S2 for BT, I2S3 for digital power amplifier)• Supports Left-justified, Right-justified, Standard I2S mode, PCM mode, and TDM mode• I2S mode supports 8 channels, and 32-bit/192kbit sample rate• I2S and TDM modes support maximum 16 channels, and 32-bit/96kbit sample rate• One OWA OUT interface, supporting 16-/20-/24-bit inputs and outputs• Integrated digital microphone(DMIC), supporting maximum 8 digital PDM microphones

I/O

HDMI	4K*2K UHD Output, HDMI 2.1
1*AV OUT	480i/576i Standard Definition Output
2*USB	1*USB Host Port 1*USB Device
1*IR Reciver	Remote Reciver Connect
1*RJ45	Ethernet Interface
1*TF CARD	Support 4GB/8GB/16GB/32GB/64GB

Others

Power Supply	DC 5V/2A
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High Definition Picture **4K STB**



Allwinner
H313

CPU
Cortex A53

GPU
Mali G31

HEVC
H.265

4K
60fps

WiFi
WiFi 6



4K

Android 10

First to support Google's new system Android 10, and greatly optimized for the system, can support a minimum of 1GB of memory

Android 10

Android 9.0

Android 8.1

Android 7.1



Support Vulkan, Support OpenGL ES3.2

Cooler graphics, more fun to playing games



Allwinner H313

CPU

Quad-core
Cortex™-A53

GPU

G31
OpenGL ES 3.2/2.0/1.0,
Vulkan 1.1, OpenCL 2.0

Video

H.265
decoder up to
4K@60fps

Display

HDMI 2.0 up to
4K@60fps





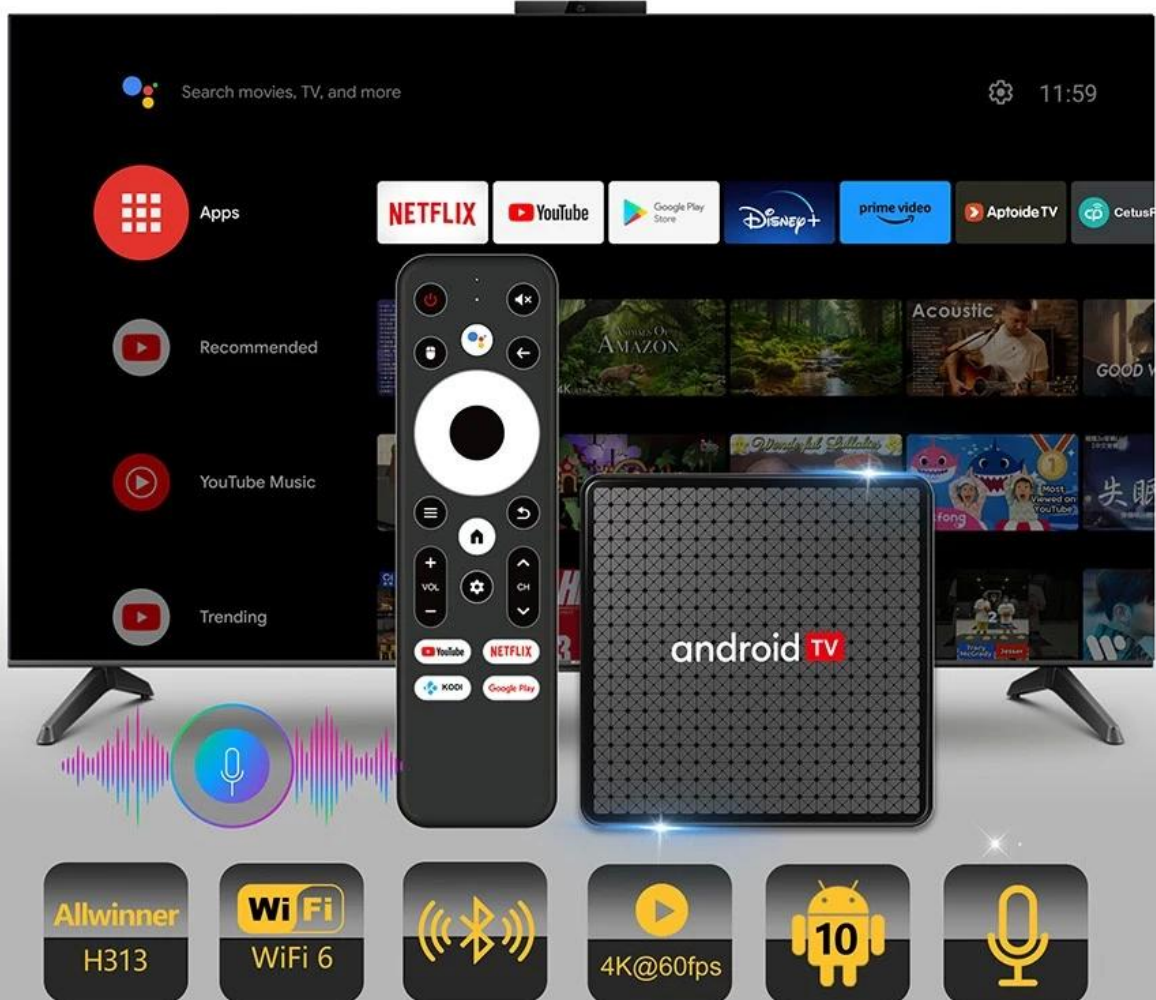
HDR offers a deeper , more life-like display, which boosts 4K and gives you even greater color and contrast.

SDR

HDR



Android TV



Our model

With 3D denoising

Other models

Without denoising





Higher Wi-Fi 6 Speed for networking

**55%
Faster**



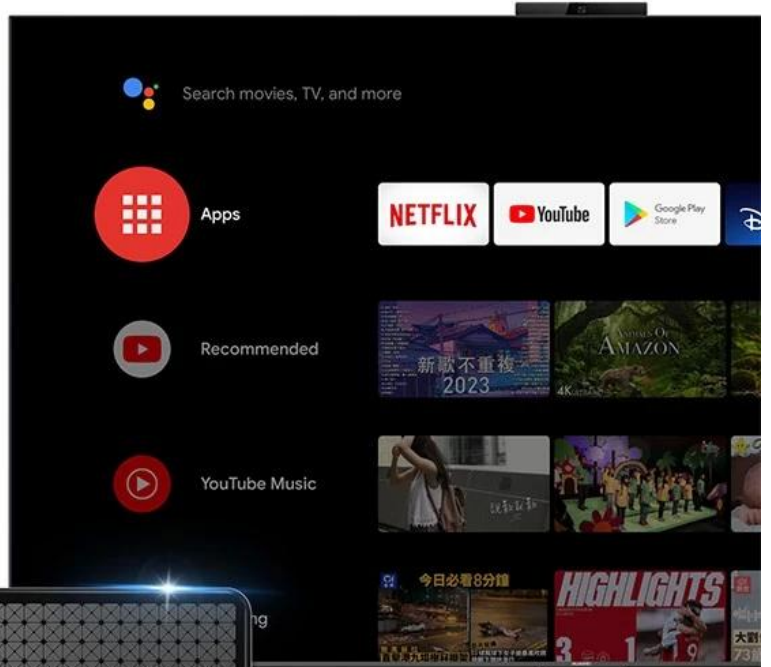
SMARTER VOICE CONTROL

One click voice operation, say what you want.

What's the weather today?

I want to watch football.

Go to the youtube.



Anti-shake

Clearer images, better visual experience

Anti-shake

NON Anti-shake



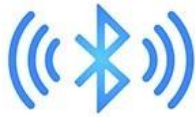
MEETINGS



PLAY GAMES



MUSIC SHARING



DLNA

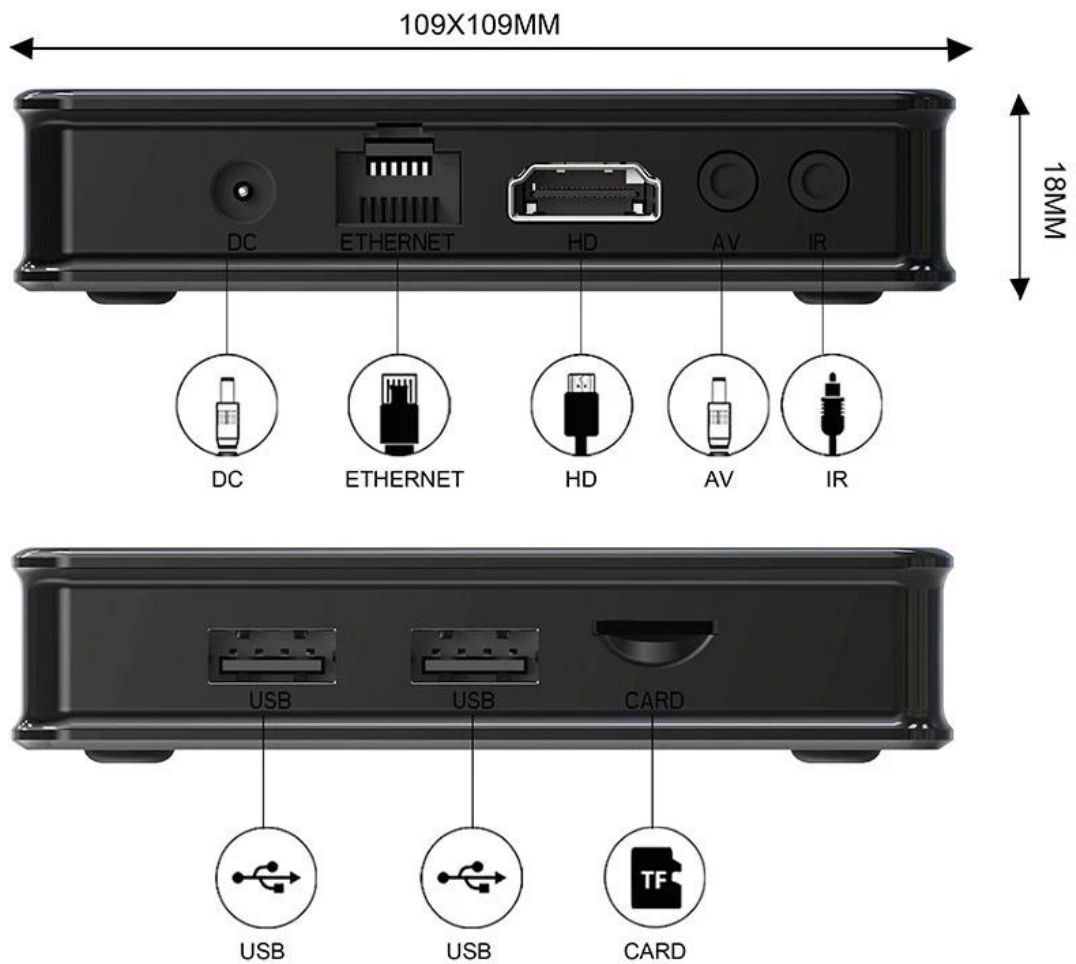


Airplay



Miracast

Interface and product size



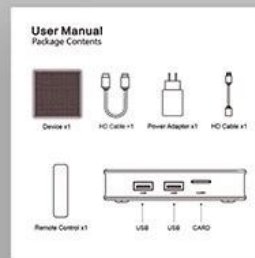
Package Contents



Power Supply*1



HD data cable*1



User Manual*1



Remote Control*1

The **Android TV Streaming Device with Allwinner H313 Quad-Core and WiFi 6** is a powerful and versatile solution for your home entertainment needs, combining the latest in streaming technology with a sleek and compact design. Built to deliver a superior media experience, this device is perfect for anyone looking to upgrade their TV's capabilities without compromising on performance or quality.

At the heart of this streaming device is the **Allwinner H313 Quad-Core processor**, a highly efficient chipset designed to handle the demands of modern streaming. Whether you're watching movies, binge-watching TV shows, or browsing apps, the H313 provides smooth and responsive performance, eliminating lag and stuttering. This quad-core processor is optimized for media playback, ensuring you get the best possible performance even when streaming 4K Ultra HD content.

One of the standout features of this Android TV box is its support for **4K Ultra HD resolution**. This means you'll enjoy stunningly crisp visuals with vibrant colors and sharp details, making it ideal for

watching movies, sports, and other high-definition content. The device also supports **HDR (High Dynamic Range)**, which enhances contrast and color accuracy, providing a more immersive viewing experience with richer colors and deeper blacks.

In addition to its powerful processing capabilities, the device comes equipped with **WiFi 6** technology, the latest in wireless connectivity. WiFi 6 offers faster speeds, lower latency, and improved network efficiency compared to previous WiFi standards, making it perfect for streaming high-quality video without interruptions. With WiFi 6, you'll experience faster load times and smoother streaming, even when multiple devices are connected to the network. For users who prefer wired connections, the device also includes **Ethernet** support for a more stable and reliable internet connection.

Running on **Android 10**, this streaming device provides access to a wide range of apps through the **Google Play Store**, including popular streaming services like **Netflix**, **YouTube**, **Amazon Prime Video**, and more. The integration of **Google ATV (Android TV)** means you can enjoy a smart TV experience with an intuitive interface designed for easy navigation. Additionally, the inclusion of **Google Voice Control** makes this device incredibly user-friendly. With voice commands, you can search for content, adjust settings, and control your TV without lifting a finger.

The **Android TV Streaming Device** also supports **H.265 video decoding**, a highly efficient video compression standard that reduces the bandwidth required for streaming, allowing you to enjoy high-definition content even with slower internet connections. This feature is particularly useful for users with limited data plans or those streaming on networks with inconsistent speeds.

Thanks to its compact and lightweight design, the device is easy to set up and fits seamlessly into any home theater setup. The **HDMI output** ensures high-quality audio and video transmission to your TV, while the **USB ports** allow you to connect external storage devices or peripherals, such as wireless keyboards or gaming controllers, further enhancing your entertainment experience.

In summary, the **Android TV Streaming Device with Allwinner H313 Quad-Core and WiFi 6** is an excellent choice for anyone looking to elevate their home entertainment setup. With 4K Ultra HD support, advanced WiFi 6 connectivity, Google ATV voice control, and powerful quad-core performance, this device delivers top-tier streaming and media playback in a compact, easy-to-use package. Whether you're streaming your favorite shows, playing games, or accessing apps, this device provides the perfect balance of performance, versatility, and convenience.