

Allwinner H313 Quad Core WiFi 6 Android 10 Google ATV Voice Control 4K ULTRA HD Set Top Box

Specifications

CPU	Allwinner H313 Quad Core ARM Cortex A53
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 Definiton Picture **4K STB**



Allwinner
H313

CPU
Cortex A53

GPU
Mali G31

HEVC
H.265

4K
60fps

Wi Fi
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





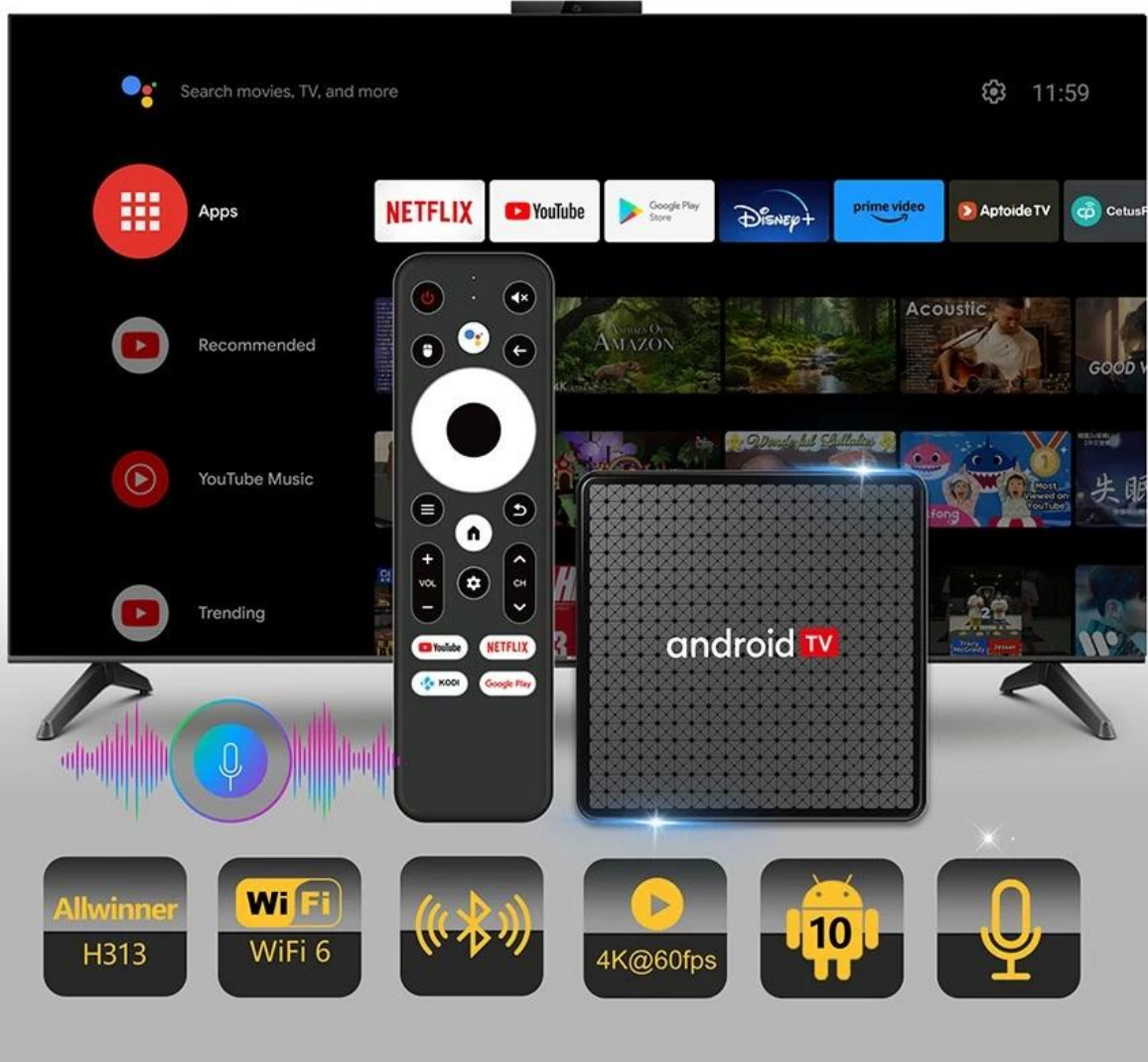
HDR offers a deeper , more life-like display, which boosts 4K and gives you even greater color and contrast.

SDR

HDR



Android TV



Our model

With 3D denoising

Other models

Without denoising





Higher Wi-Fi 6 Speed for networking

**55%
Faster**



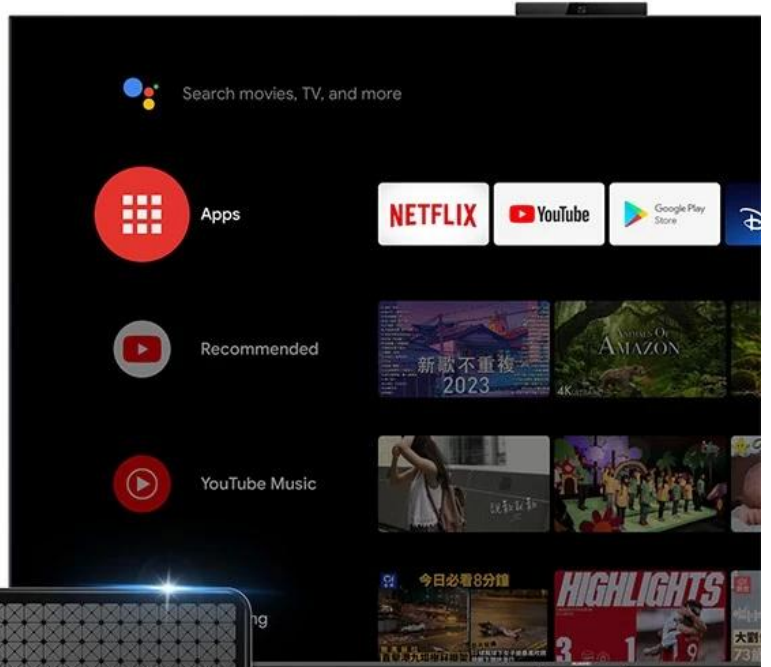
SMARTER VOICE CONTROL

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



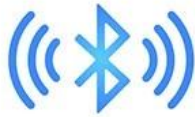
MEETINGS



PLAY GAMES



MUSIC SHARING



DLNA

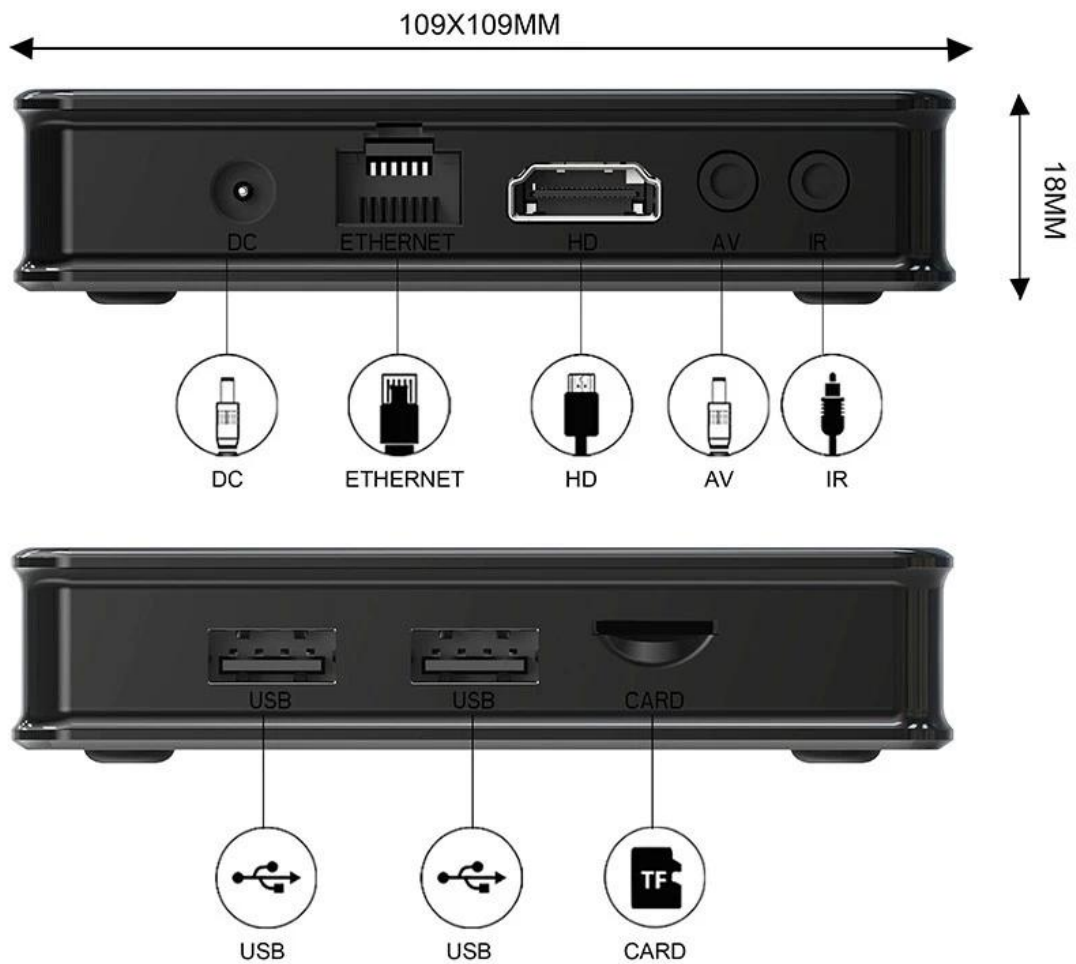


Airplay



Miracast

Interface and product size



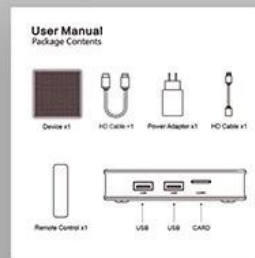
Package Contents



Power Supply*1



HD data cable*1



User Manual*1



Remote Control*1

The Allwinner H313 Quad Core WiFi 6 Android 10 Google ATV Voice Control 4K ULTRA HD Set Top Box is a high-performance media player designed to elevate your home entertainment system. Powered by the Allwinner H313 chipset, this device boasts a Quad Core ARM Cortex-A53 processor, providing robust performance for seamless multitasking and superior media playback.

Equipped with Android 10, the device offers access to a wide variety of applications from the Google Play Store, making it easy to stream content, download apps, and play games. The intuitive Google ATV (Android TV) interface enhances user interaction, offering smooth navigation and easy access to thousands of apps, games, and streaming services. With support for Google Assistant and voice control, you can simply speak commands to search for your favorite movies, TV shows, or control smart home devices, making the viewing experience even more convenient and hands-free.

This TV box also features WiFi 6 technology, ensuring faster data transmission speeds, reduced latency, and improved overall connectivity, even in environments with multiple connected devices. This next-generation WiFi standard makes streaming in 4K Ultra HD more reliable and smooth,

without annoying buffering interruptions. You can enjoy a stunning 4K Ultra HD resolution, which delivers vibrant colors and crystal-clear details, providing a truly immersive viewing experience.

The Allwinner H313 [Set Top Box](#) is not just about streaming; it's about delivering entertainment with ease and performance. It supports multiple video formats, including H.265 video decoding, which ensures efficient use of bandwidth while maintaining high-quality video playback. It also offers flexible connectivity options with USB ports, HDMI output, and expandable storage to meet the needs of any user.

Whether you're using it to stream movies, watch live TV, browse the web, or play Android games, the Allwinner H313 Quad Core [TV Box](#) is designed to handle it all with speed and precision. Its combination of cutting-edge hardware, WiFi 6 capability, Android 10 software, and Google ATV functionality make it an excellent choice for anyone looking to upgrade their TV experience.