

Allwinner H618/H313 Quad Core Android 10

Dual WiFi 4K UHD 4G LTE Set Top Box

Specifications

Model No.	Allwinner 4G Android TV Box
CPU	Allwinner H618/H313 Quad core ARM Cortex A53
GPU	ARM G31
RAM	2GB
ROM	16GB (32GB Optional)
WiFi	Wi-Fi 6 2.4GHZ /5.8GHZ IEEE802.11a/b/g/n/ac /ax External antennas
Bluetooth	BT5.0
Android OS	Android 10

4G LTE/ Mini PCIe(Note:EC200A-CN(Default) /Different modules support different frequency bands.)

LTE-FDD	B1/B3/B5/B8
LTE-TDD	B34/B38/B39/B40/B41
WCDMA	B1/B5/B8
GSM/EDGE	B3/B8
GNSS	GPS/GLONASS/BDS/Galileo (optional)

Main Features

	<ul style="list-style-type: none">- H.265 Main10@ L5.1 up to 4K@60fps- VP9 Profile 2 up to 4K@30fps- AVS2 JiZhun 10bit Profile up R7to4K@30fps- H.264 BP/MP/HP@L4.2 up to 4K@30fps- H.263 BP up to 1080p@60fps- MPEG-4 SP/ASP@L5 up to 1080p@60fps- MPEG-2 MP/HL up to 1080@60fps- MPEG-1 MP/HL up to 1080p@60fps- Xvid up to 1080p@60fps- Sorenson Spark up to 1080p@60fps- VP8 up to 1080p@60fps
Video Docoder	<ul style="list-style-type: none">- AVS/AVS+ JiZhun Profile up to 1080p@60fps- WMV9/VC1 SP/MP/AP up to 1080p@60fps- JPEG HFIF file format up to 45MPPS- H.264 BP/MP/HP- H.264 supports I/P frame, and only supports single reference frame- MJPEG/JPEG baseline- Maximum 16-megapixel (4096 × 4096) resolution for H.264 encoding- H.264 encoding capability: 1080p@60fps- JPEG snapshot performance of 1080p@60fps independently- Supports the constant bit rate(CBR)/variable bit rate(VBR) bit rate control mode, ranging from 56kbit/s to 100Mbit/s- Encoding of eight regions of interest(ROIs)

Audio	<ul style="list-style-type: none"> - Two audio digital-to-analog (DAC) channels - Supports 16-bit and 20-bit sample resolution - 8 kHz to 192 kHz DAC sample rate - 95+2dB SNR@A-weight, -80+3dB THD+N, output Level more than 0.55Vrms - One audio output - One differential LINEOUTP/N or single-ended LINEOUTL/R output - Supports Dynamic Range Controller (DRC) adjusting the DAC playback - One 128×24-bits FIFO for DAC data transmit - Programmable FIFO thresholds - DMA and Interrupt support
	Audio HUB: <ul style="list-style-type: none"> - One Audio HUB - Supports 2 Digital Audio MIXER(DAM) - Supports 3 I2S/PCM interfaces for connecting external devices, and 1 I2S/PCM for connecting internal HDMI - Supports Left-justified, Right-justified, Standard I2S mode, PCM mode, and TDM mode - I2S mode supports 8 channels, and 32-bit/192 kbit sample rate - I2S and TDM modes support maximum 16 channels, and 32-bit/96 kbit sample rate
Image	HD JPEG/BMP/GIF/PNG/TIFF
Network Function	Miracast, Airplay, Skype chatting, Picasa, Youtube, Flicker, Facebook, Online movies, etc.
Language	Chinese, English, Germany, Japanese, Korea etc.

Port Specifications

USB host	4 *USB 2.0
External memory	1*TF Card
Audio OPTCAL	1* SPDIF
HDTV	1* HDMI 2.0a 4K @60fps Support PAL/NTSC
Ethernet	1 *100M(Default)/1000M(optional)
SIM card	1* Sim Card
RTC	Support

Others

Power Supply	DC 5V/2A
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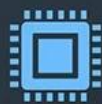
LTE Cat 4 Box

Allwinner	CPU Cortex A53
GPU Multi-core G31	WiFi 802.11 a/b/g/n/ac 2.4G / 5G
BT 5.0	4K Video Codec
4G_{LTE} LTE Cat 4	Android 10



ALLWINNER

Powerful performance to bring you the best experience



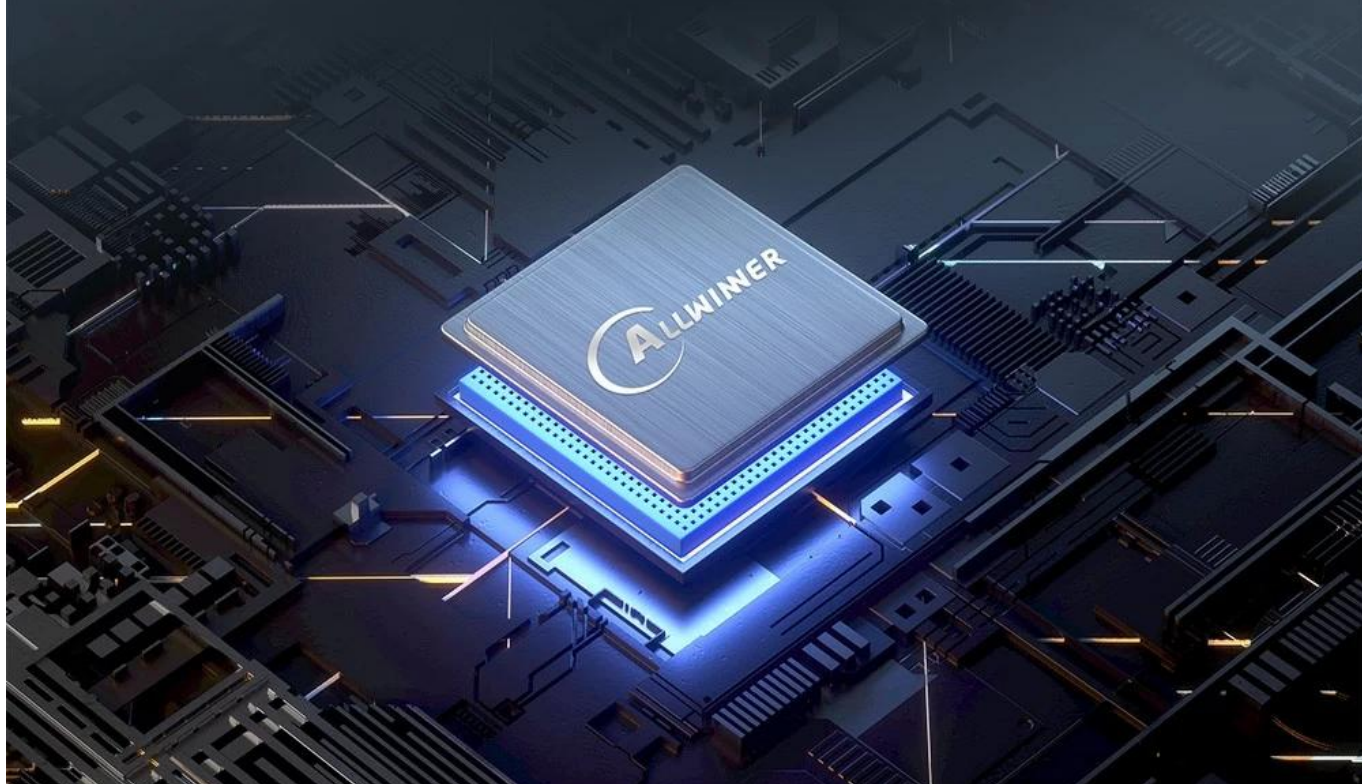
CPU

Cortex A53



GPU

Multi-core G31



WiFi 802.11 a/b/g/n/ac

Dual band WiFi with wide coverage, faster transmission and more stable signal.



WiFi

802.11 a/b/g/n/ac
2.4G / 5G

BT

5.0



4K UHD

H.265
HEVC

high-speed 4K 60fps processing technology brings you lifelike viewing experience.



LTE Cat 4

LTE Cat 4 maximum 150Mb (DL)

*Note: The 4G module must meet the standards of the local service provider to enable this feature.



Embedded multiple network protocols



DFOTA



Enhanced remote communication
AT command




4G LTE 150Mbps Up to 150 Mbps (downstream)
Up to 50 Mbps (uplink)

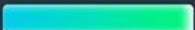
3G HSPA+ 21Mbps Up to 21 Mbps (downstream)
Up to 5.76 Mbps (uplink)



Gain 5DB

Gain 5DB for faster propagation speed

Small antenna  2DB

A008 antenna  5DB



Android 10

You can choose and install different applications according to your personal preferences to meet your diverse needs.

Android 10

Android 9

Android 8



2GB RAM, Large Memory

Large storage capacity that allows you to install a wide number of applications



RAM:2GB



ROM:16/32/64/128/256GB



WHAT CAN WE DO?



Working Conference



Information release



Teaching



watch movies



Play games

Interface & dimension



Package contents



Power Adapter*1



HD data cable*1



User Manual*1



Remote Control*1

Introducing the Allwinner H618/H313 Quad Core Android 10 Set Top Box, a cutting-edge device designed to elevate your home entertainment experience. Powered by a robust Quad Core processor, this device runs on the latest Android 10 operating system, ensuring smooth performance and access to a wide range of features.

One of the standout features of this set-top box is its support for 4K UHD resolution. Immerse yourself in breathtaking visuals with vivid colors, sharp details, and enhanced clarity. Whether you're streaming your favorite movies, playing games, or browsing content online, every moment is a visual treat.

Equipped with Dual WiFi capabilities, the Allwinner Set Top Box ensures a stable and high-speed internet connection. This dual-band WiFi support allows for seamless streaming, quick downloads, and lag-free online experiences. Say goodbye to interruptions and buffering as you explore the vast world of digital content.

In a world where connectivity is paramount, the inclusion of 4G LTE support makes the Allwinner Set Top Box a versatile and future-ready device. Insert your 4G SIM card, and experience uninterrupted connectivity even in areas with limited WiFi access. This feature not only enhances streaming capabilities but also provides flexibility for users on the go.

The user-friendly interface, coupled with the Android 10 OS, offers a familiar and intuitive navigation experience. Access a plethora of apps, streaming services, and games from the Google Play Store, customizing your entertainment hub to suit your preferences.

Connectivity options abound with HDMI, USB, and other ports, allowing you to connect external devices seamlessly. Whether it's external storage, gaming controllers, or other peripherals, the Allwinner Set Top Box accommodates your diverse needs.

In conclusion, the Allwinner H618/H313 Quad Core Android 10 [Set Top Box](#) is a powerhouse of entertainment and connectivity. Its Quad Core performance, Android 10 features, Dual WiFi support, and 4G LTE compatibility make it a versatile and future-proof addition to your home. Elevate your entertainment setup with this state-of-the-art Set Top Box that brings together the best in visuals, performance, and connectivity.