

# Allwinner 4G LTE Android TV Box

## Specifications

Model No.	Allwinner 4G LTE 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

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

Audio	<ul style="list-style-type: none"> <li>- Two audio digital-to-analog (DAC) channels</li> <li>- Supports 16-bit and 20-bit sample resolution</li> <li>- 8 kHz to 192 kHz DAC sample rate</li> <li>- 95+2dB SNR@A-weight, -80+3dB THD+N, output Level more than 0.55Vrms</li> <li>- One audio output</li> <li>- One differential LINEOUTP/N or single-ended LINEOUTL/R output</li> <li>- Supports Dynamic Range Controller (DRC) adjusting the DAC playback</li> <li>- One 128×24-bits FIFO for DAC data transmit</li> <li>- Programmable FIFO thresholds</li> <li>- DMA and Interrupt support</li> </ul>
	Audio HUB: <ul style="list-style-type: none"> <li>- One Audio HUB</li> <li>- Supports 2 Digital Audio MIXER(DAM)</li> <li>- Supports 3 I2S/PCM interfaces for connecting external devices, and 1 I2S/PCM for connecting internal HDMI</li> <li>- Supports Left-justified, Right-justified, Standard I2S mode, PCM mode, and TDM mode</li> <li>- I2S mode supports 8 channels, and 32-bit/192 kbit sample rate</li> <li>- I2S and TDM modes support maximum 16 channels, and 32-bit/96 kbit sample rate</li> </ul>
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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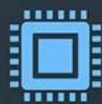
## LTE Cat 4 Box

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



# ALLWINNER

Powerful performance to bring you the best experience



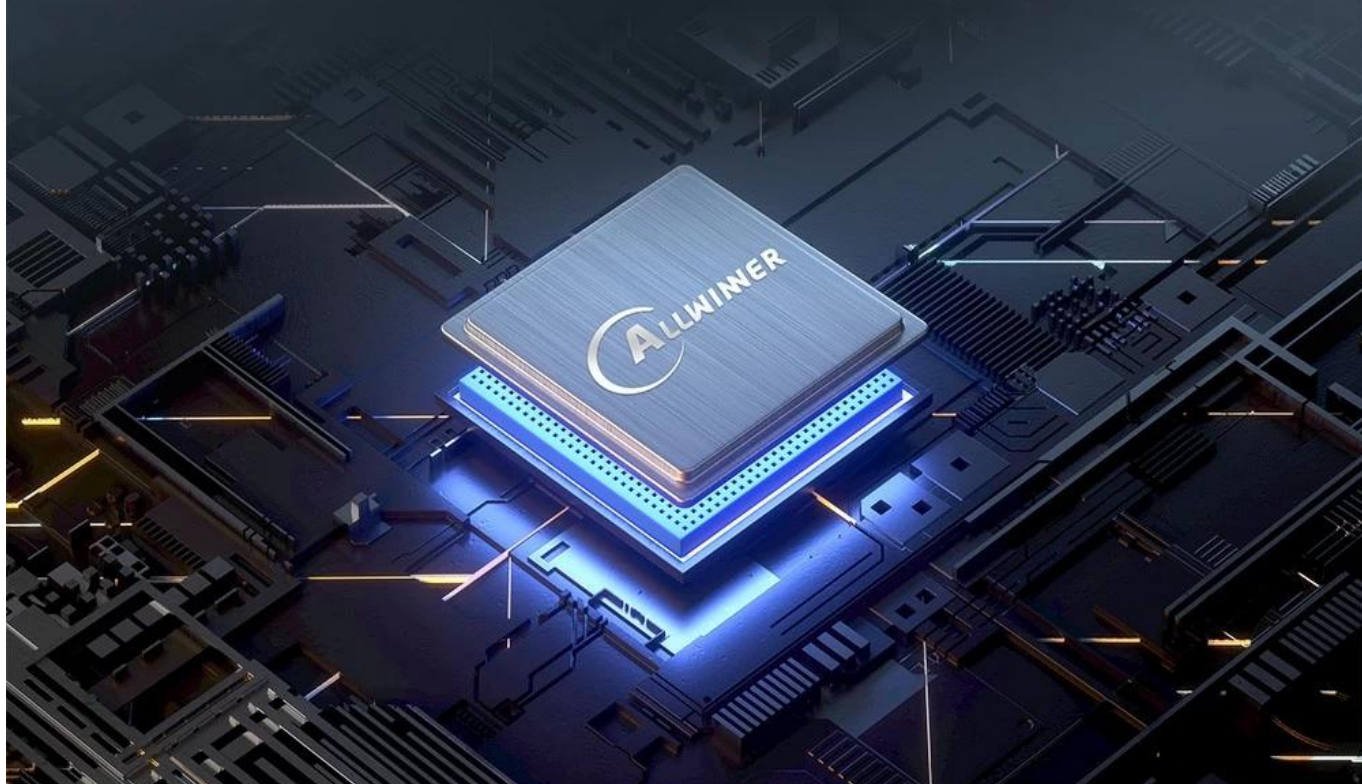
**CPU**

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




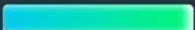
<b>4G LTE</b>		150Mbps	Up to 150 Mbps (downstream) Up to 50 Mbps (uplink)
<b>3G HSPA+</b>		21Mbps	Up to 21 Mbps (downstream) Up to 5.76 Mbps (uplink)



# 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 4G LTE Android TV Box, a revolutionary device that redefines home entertainment. This compact box packs a punch with its integration of 4G LTE connectivity and the flexibility of the Android operating system.

At the heart of this device is the powerful Allwinner chipset, ensuring smooth and responsive performance. The inclusion of 4G LTE capabilities opens up new possibilities for users, allowing them to enjoy uninterrupted streaming, online gaming, and other data-intensive activities. With 4G LTE, the TV box becomes a hub for connectivity, ensuring a reliable internet connection even in areas with limited WiFi access.

The Android operating system provides a familiar and user-friendly interface, making navigation a breeze. Access a world of apps, games, and content through the Google Play Store. Customize your entertainment experience by downloading your favorite streaming services, games, and productivity apps.

The Allwinner 4G LTE Android TV Box supports high-definition content, offering crisp visuals and



vibrant colors. Whether you're streaming movies, watching videos online, or playing games, the TV box delivers an immersive visual experience. Connect it to your HD or 4K TV and transform your living room into a home theater.

Connectivity is key, and this TV box offers a range of options. HDMI and USB ports provide the flexibility to connect external devices, such as external storage, gaming controllers, or other peripherals. The TV box becomes a central hub for all your digital needs.

Installation and setup are straightforward, making it accessible for users of all levels of technical expertise. The compact design ensures that it seamlessly integrates into your home entertainment setup without taking up much space.

In conclusion, the Allwinner 4G LTE [Android TV Box](#) is a game-changer in the world of home entertainment. Combining the power of 4G connectivity, Android versatility, and high-definition visuals, it caters to the diverse needs of modern consumers. Upgrade your entertainment experience with this advanced TV box that brings together connectivity, performance, and convenience in one sleek package.