

# Cheap Android TV Box Supplier China

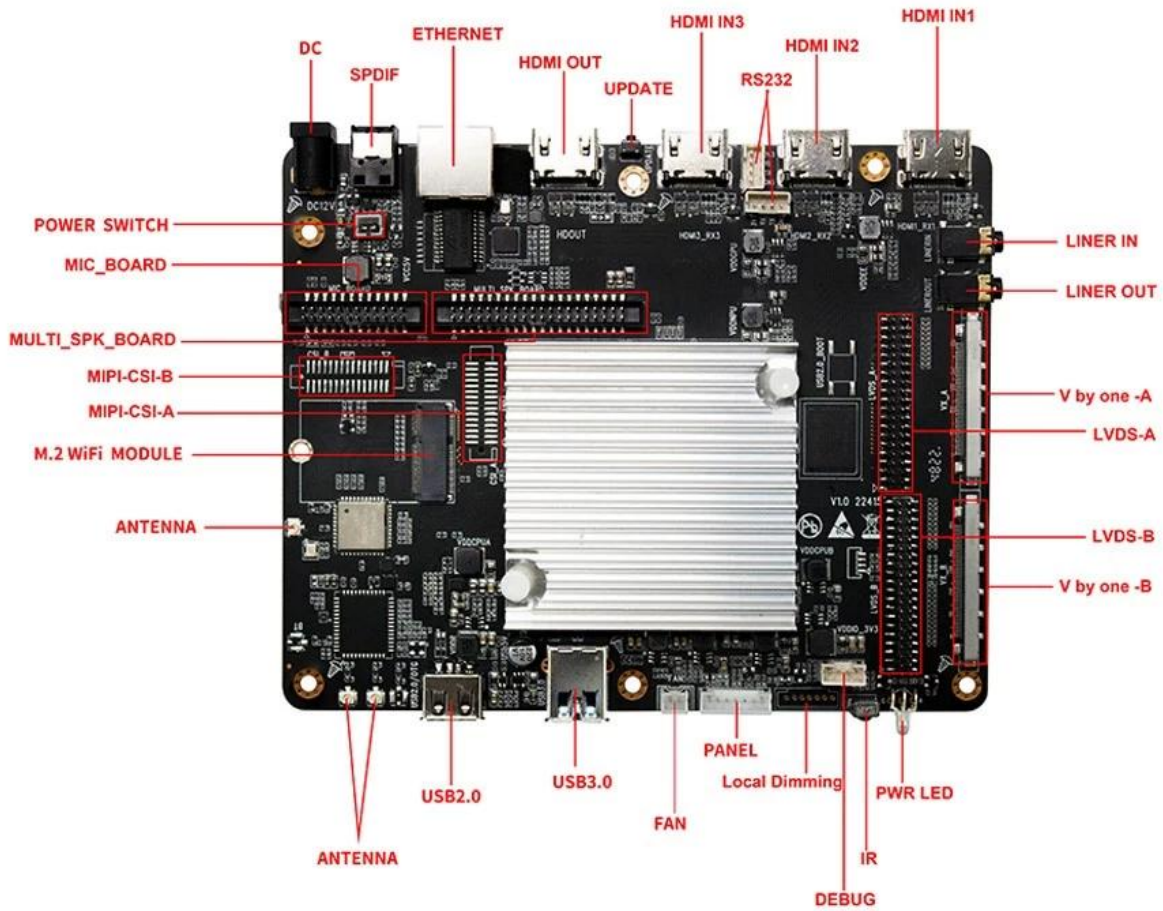
## Specifications

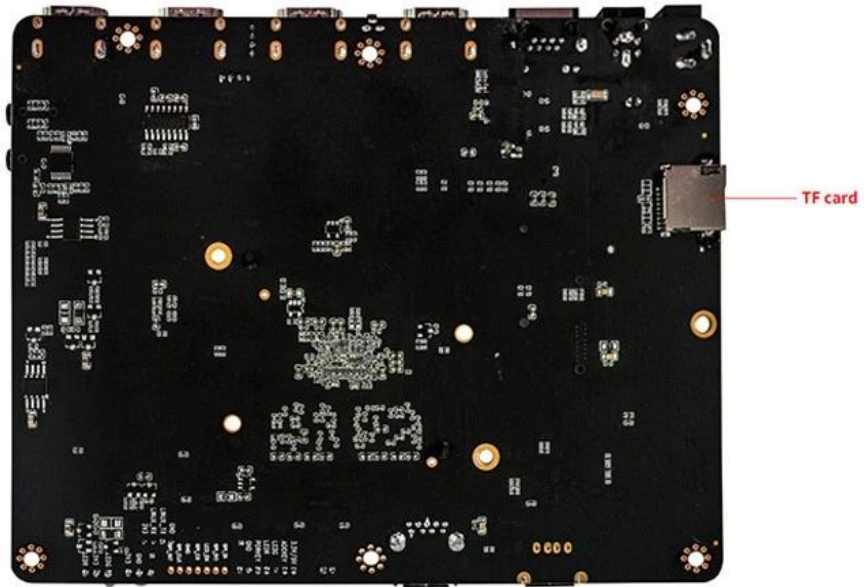
|            |  |
|------------|--|
| Model No.  | Amlogic A311D2 Android TV Box Supplier   |
| CPU        | Amlogic A311D2 Quad Core Cortex-A73 + Quad Core Cortex-A53   |
| GPU        | ARM Mali-G52 MP8   |
| RAM        | 4GB (max to 8GB/32GB for options)  |
| ROM        | 32GB (64GB/128GB/256GB options)  |
| OS         | Android 11.0   |
| Wi-Fi / BT | Built-in Wi-Fi (standard single band 2.4G supported; Dual band 2.4G/5G for options); BT4.2 or BT5.0 ( M.2 port for option) |

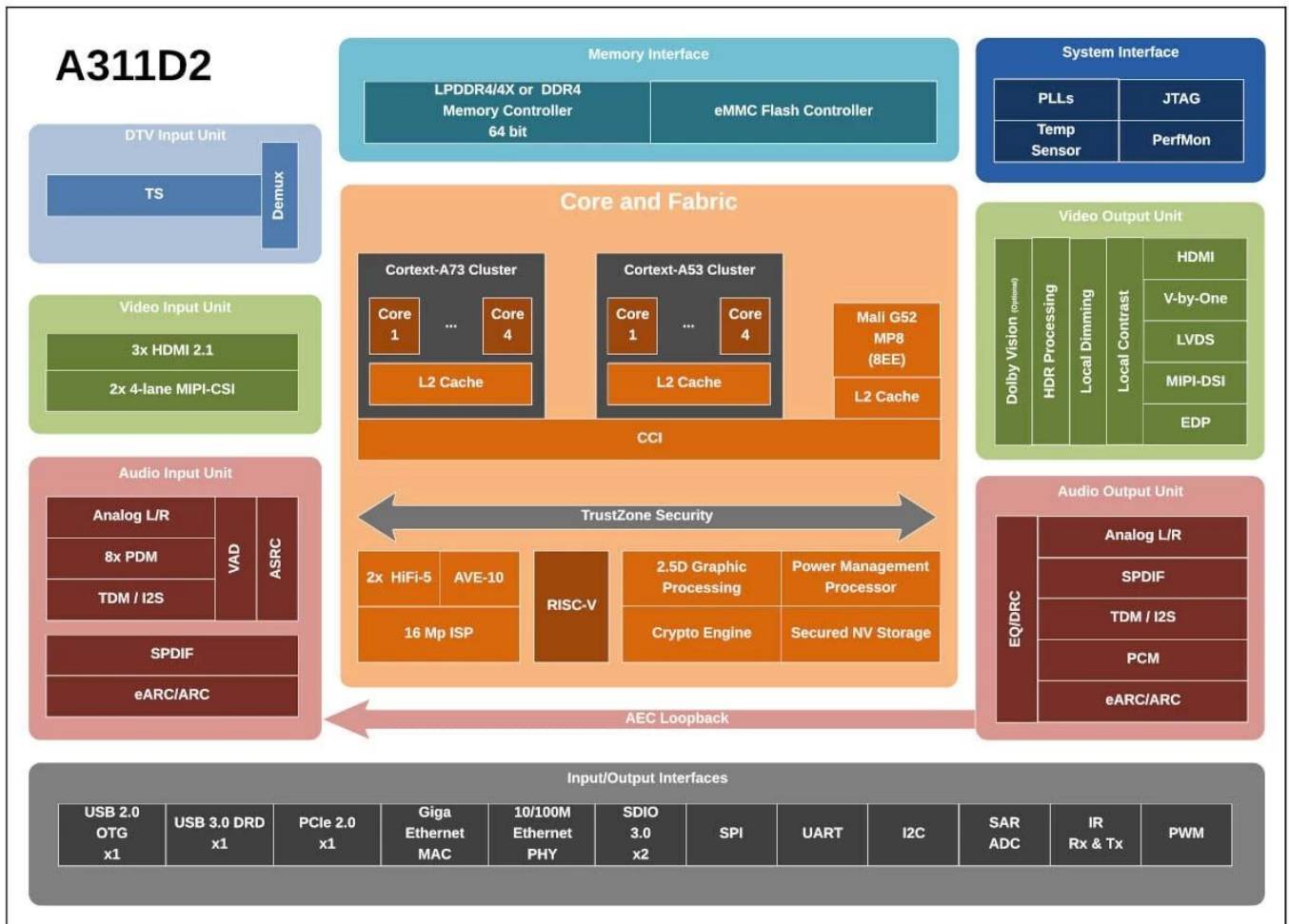
## I/O Port

|                            |  |
|----------------------------|--|
| HDMI input                 | 3*HDMI input   |
| HDMI output                | 1*HDMI output  |
| LVDS output                | 1 single/dual, can directly drive 50/60Hz LCD  |
| V-By-One output            | 2*8-lane V-by-One, up to 4Kp60; support 4K*2K@60Hz output  |
| Screen backlight interface | 5V/12V power, Local Dimming or PWM dimming   |
| USB port                   | 1*USB 3.0 A port<br>USB 2.0 A port ( for burning firmware) or ( mini USB OTG for option)           |
| Serial ports               | 2*serial ports (2*RS232 or 2*TTL ports; If need TF card slot, then only 1* serial port available.) |
| Camera CSI                 | 2*CSI input  |
| MIC PDM                    | Some of the function pins are multiplexed with Camera CSI, need to confirm before use              |
| Spk BOARD                  | Support I2S output   |
| Ethernet                   | 1*RJ45 port, 100M/1000M  |
| SPDIF                      | SPDIF or COAX output for option  |
| Line in                    | AUDIO_Line in  |
| Line out                   | AUDIO_Line out   |
| RTC                        | Support timer switch on/off  |
| IR                         | IR receiver (on-board IR receiver for option)  |
| Power LED                  | On-board or matching function board for option   |
| Upgrade                    | Support local upgrade by TF & USB or OTA upgrade   |

|              |              |
|--------------|--------------|
| Power Supply | 5V/12V Power |
|--------------|--------------|







T085T01

## Applicable Scope

Amlogic A311D2 Android Smart Integrated Board motherboard integrates multimedia network playback, LCD driver and Android intelligence, mainly for supporting LVDS and V-by-one screens of various sizes and resolutions. It is suitable for smart shelf, door advertising, commercial display, etc. It can also be applied to intelligent display terminal products, video terminal products, industrial automation terminal products, commercial display, self-service products, intelligent education, new retail and many other display fields. Such as: multimedia advertising machine, intelligent self-service terminal, intelligent retail terminal, etc.

## Product Overview

Amlogic A311D2 Android Smart Integrated Board motherboard is powered by Amlogic A311D2 chip with Android 11.0 OS; with superb audio and video processing capabilities. Octa-core processor designed for smart display applications, quad-core Cortex-A73 & quad-core Cortex-A53, up to 2.2GHz; Mali-G52 MP8 (8EE) GPU; supports up to 4Kp60 with 3\*HDMI 2.1 inputs, one 16MP ISP and 4K video encoding. Support 4K\*2K@60fps, H.265 hard decode and many other formats, rich peripheral interfaces.

## Product Features

- \*On-board V-By-One / LVDS output interface, no converter chip required;
- \*Support Ethernet & WiFi (M.2 port option) both and RTC;
- \*Rich expansion interfaces: 1\*OTG USB port, 1\*USB 3.0 A port, 2\*RS232 serial ports, 1\*TTL serial port, 1\*ADC interface; which is adaptable to various peripheral access requirements in the market;
- \*Support HDMI + LVDS or HDMI + V-by-one screen dual screen outputs;

- \*High definition: Supports up to 4K\*2K@60fps decoding and various LCD displays and cutting screens which with LVDS or V-By-One interfaces;
- \*2\*4-lane MIPI-DSI interfaces with resolution up to 1920\*1200;
- \*Support customization for Android system, providing reference code for the system call interfaces API. Perfectly support customer in upper layer application APP development;
- \*Support AV1, MP-10, VP9, AVS2, MPEG2, MPEG4, H.265, wmv, mkv, mov, iso and other mainstream video formats;
- \*Support 4K screenshot and recording;
- \*High memory bandwidth to support 4K user interface;

Our cheap Android TV Box is your gateway to affordable yet high-quality entertainment. As a trusted supplier based in China, we prioritize delivering cost-effective solutions without compromising on performance or features.

Despite its affordability, our TV box offers impressive capabilities. With support for HD and 4K resolutions, you can enjoy crisp and detailed visuals for your favorite movies, TV shows, and games. The device is powered by the Android operating system, granting access to a wide range of apps, games, and content through the Google Play Store. Whether you're streaming media, browsing the web, or using productivity tools, the possibilities are endless.

Connectivity options are robust, with built-in Wi-Fi and Ethernet support ensuring seamless streaming and internet connectivity. Multiple USB ports and expandable storage options provide flexibility for connecting peripherals and storing media files, enhancing convenience and usability.

The user interface is designed to be intuitive and user-friendly, making navigation effortless. Whether you're setting up the device for the first time, exploring apps, or adjusting settings, everything is streamlined for a smooth and enjoyable user experience.

Despite its affordability, our cheap Android TV Box does not compromise on quality or performance. The device is equipped with advanced audio technologies for immersive sound quality, complementing the visual experience for a complete entertainment package.

Our commitment to affordability extends to our pricing and deals. As a trusted supplier in China, we offer competitive prices and special promotions, ensuring that you get the best value for your money. Whether you're a budget-conscious consumer or looking for cost-effective solutions for your home entertainment setup, our cheap Android TV Box is the perfect choice.

In summary, our cheap [Android TV Box](#) from a reliable supplier in China offers affordability without compromising on quality or features. With impressive capabilities, seamless connectivity, and user-friendly design, it's the ideal solution for anyone seeking budget-friendly yet enjoyable entertainment experiences.