

## Mini Internet TV Box OEM Android TV Box Suppliers

### Specifications

Model No.	Amlogic S905Y4 Internet TV Box
CPU	Amlogic S905Y4 Quad Core ARM Cortex-A35 CPU(S905Y4)
GPU	Mali-G31 MP2 OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 support
RM	2GB (1/2/4GB Optional)
ROM	16GB (8/16/32GB Optional)
OS	Android 11
WiFi	2.4G+5G IEEE 802.11 a/b/g/n/ac

### Video&Audio CODEC

Video	AV1 MP-10@L5.1 up to 4Kx2K@60fps
	VP9 Profile-2 up to 4Kx2K@60fps
	H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
	H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
	WMV/VC-1 SP/MP/AP up to 1080P@60fps
	AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
	MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
	MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	Supports JPEG thumbnail, scaling, rotation and transition effects
Audio	Multiple language and multiple format sub-title video support
	Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats
Audio	Supports MP3, AAC, WMA, RM, FLAC

### I/O

1*HDMI	4K*2K UHD Output, HDMI 2.1
1*USB	1* USB2.0;
1*IR Reciver	2.5mm Headphone plug
Bluetooth	Bluetooth BT4.X+
DC Connector	TYPE-C IN(5V/2A)

### Others

Image	HD JPEG, BMP, GIF, PNG, TIF
Language	English French German Spanish Italian etc multilateral languages

# ONENUTS

## 4K TV Box features with HDR10+



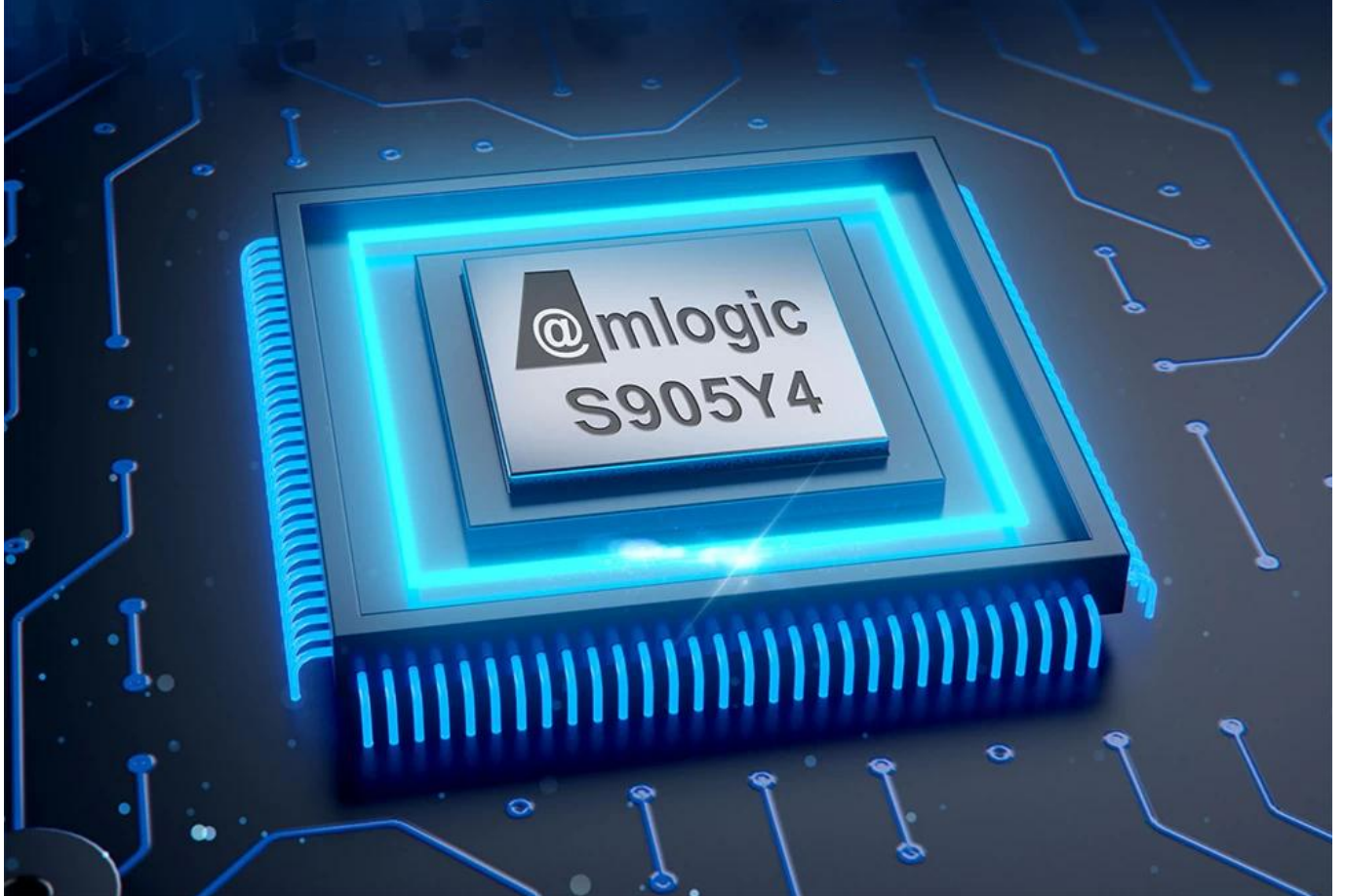
# Amlogic S905Y4 Quad Core

With ARM Cortex-A35 high-performance CPU which delivers the best combination of power efficiency and performance in its class

**CPU** 4core 64 bit  
Cortex A35

**GPU** Mali-G31  
MP2

**RAM** 2/4G  
**ROM** 16/32G



# 4GB RAM, Large Memory

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





# Android 11

Latest system, enhanced protection of user privacy



**Android11**

**Android 10**

**Android 9.0**



Android 11



NETFLIX

Google play

YouTube

chrome

AV



AV1

20%~30%

VP9

H.265

4K

HDR10+

H.265  
HEVC

With the latest HDR10+ technology and high speed 4K processing up to 60fps playback. Bring you a lifelike viewing experience.





# Low Power Consumption

Ensure stronger and more stable WiFi signal with faster transmission speed. Never worry about disconnect from WiFi.



2.4G&5G WiFi





# Fast, stable, multi-devices connection

External devices available via BT function



Headset



Speaker



Mouse



Tablet



Phone



**BT4.X**

# Mini TV Stick

Delicate and smooth appearance design with fashionable blue signal light, which make your eyes brightly.



# WHAT CAN WE DO?

With elegant design and excellent performance, our products are warmly welcomed internationally.




Play games



Watch movies



Working Conference



Music sharing





# Interface & Dimension

Convenient, fast, rechargeable and data transmission type-C of the interface





# Package Contents



The Amlogic S905Y4 SoC is a Quad Core with ARM Cortex-A35 cores that integrates a Mali-G31 MP2 GPU for graphics. On the video side, it supports native decoding of H.265, VP9 and AV1 video with 4K@120fps support up to 8K and basic HDR.

Amlogic S905Y4 chipset chooses low-power A35 CPU cores instead of keeping Cortex-A55 cores, which consumes up to 32% less battery power in achieving the same performance as Cortex-A55 cores.

Amlogic S905Y4 SoC appears to be manufactured in 12 nm for power consumption and thermals, features four ARM Cortex-A35 CPU cores up to 1.8 GHz. It has native connections for HDMI 2.1 up to 4K@120fps or 8K, USB 3.0 support, internal storage up to eMMC, Ethernet 10/100 and audio capability up to 8 channels of audio input and output.

## CPU

Amlogic S905Y4 SoC Quad Core has four ARM Cortex-A35 cores, is capable of reaching 2 GHz.

## GPU

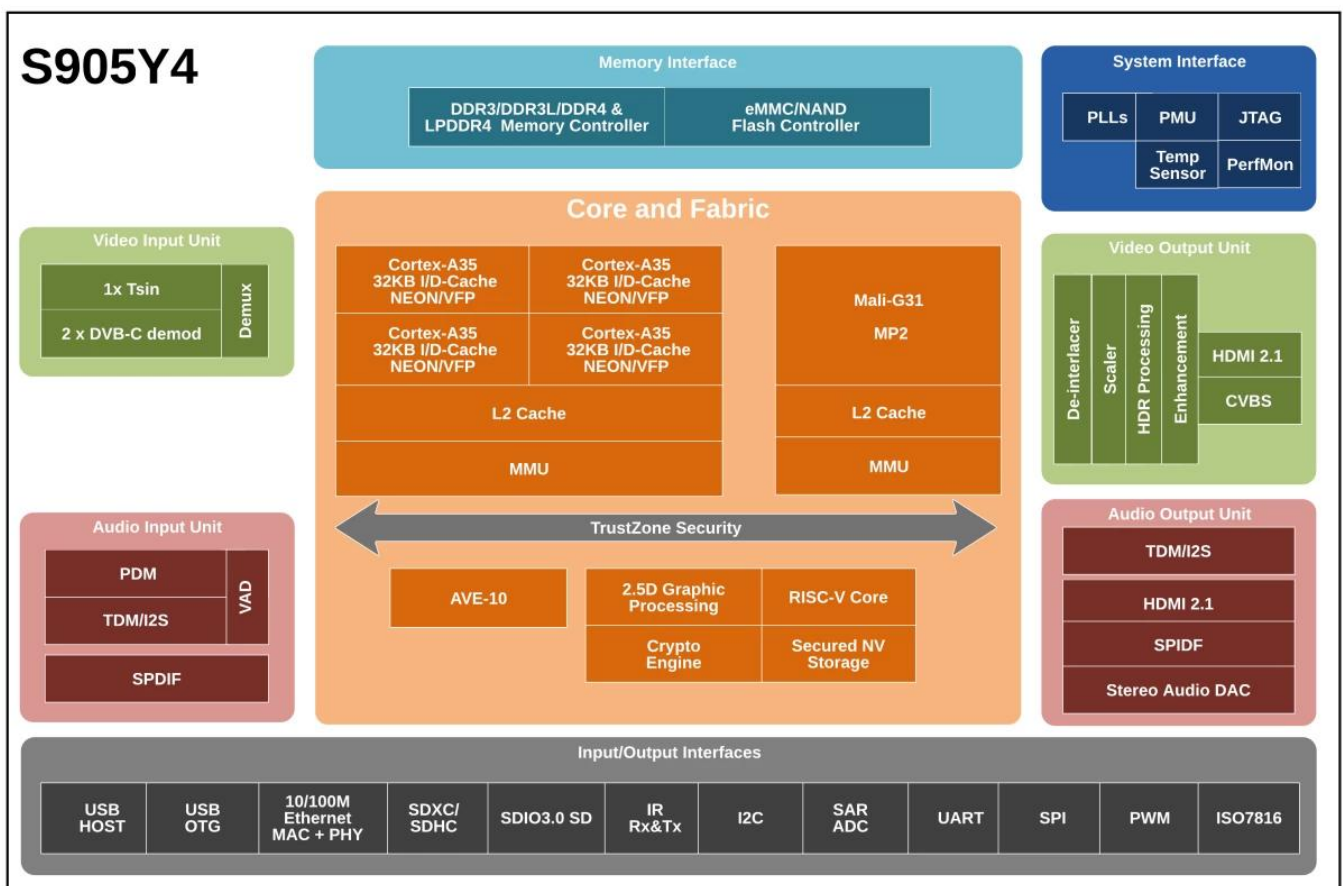
In the graphics section have the Mali-G31 MP2 GPU with a maximum speed of 650Mhz and performance up to 1.3 Gpix/s per core = 2.6Gpix/s (0.65 Gpix the Mali-450). It has support for OpenGL ES 3.2 and Vulkan 1.2. It also have support OpenCL 2.0 FP, Render Script, support L2 Cache up to 512MB and bus AMBA 4 ACE-LITE.

## VPU

For the video, it support codecs h.265, VP9 and the new AV1 codec, compatible with HDR formats and support for REC709 / BT2020 profiles. This system allows us to take video up to UHD 4K@120fps or 8K resolutions without problems thanks to its HDMI 2.1 video output that theoretically can be compatible with automatic refresh synchronization, but this will depend on the implementation in the firmware and the technology of our TV.

## Android system

The system Android 11 (API 30), the kernel that controls the system is the kernel 5.4.86



Welcome to the next generation of home entertainment with our Mini Internet TV Box, developed and supplied by leading OEM Android TV Box Suppliers. Let's explore the innovative features and benefits that make our product a standout choice for modern households.

## Unmatched Performance and Connectivity:

1. **Powerful Hardware:** The Mini Internet TV Box boasts powerful hardware components, including advanced processors and graphics capabilities, ensuring smooth streaming, fast navigation, and immersive multimedia experiences.

2. **Dual-Band Wi-Fi:** Enjoy seamless connectivity with dual-band Wi-Fi support, allowing you to stream content in high definition without interruptions or buffering, even in crowded network environments.
3. **Ethernet Port:** For users seeking a stable and high-speed internet connection, the Ethernet port provides a reliable option for streaming 4K content, online gaming, and downloading large files with ease.

### **Versatile Multimedia Capabilities:**

1. **4K Ultra HD Resolution:** Immerse yourself in stunning visuals with support for 4K Ultra HD resolution, delivering crisp details, vibrant colors, and enhanced clarity for an unparalleled viewing experience.
2. **Diverse Content Access:** Access a vast array of streaming services, including Netflix, Amazon Prime Video, Hulu, YouTube, and more, along with thousands of apps, games, and media content available through the Google Play Store.
3. **Multimedia Playback:** Enjoy playback of your favorite media files from various sources, including USB drives, external hard disks, network storage devices, and streaming servers, supporting a wide range of audio and video formats.

### **Smart Features and User-Friendly Interface:**

1. **Android TV OS:** Our Mini Internet TV Box runs on the latest Android TV OS, offering a user-friendly interface, customizable home screen, voice search functionality, and seamless integration with Google services.
2. **Voice Remote Control:** Some models include a voice remote control with built-in Google Assistant, allowing you to search for content, control smart home devices, ask questions, and perform tasks using voice commands.
3. **Smart Home Integration:** Transform your living space into a smart home hub by connecting compatible smart devices, such as lights, thermostats, cameras, and speakers, and manage them conveniently through your TV screen.

### **Reliable Support and Updates:**

1. **Firmware Updates:** Benefit from regular firmware updates and software enhancements provided by our OEM Android TV Box Suppliers, ensuring your device remains up-to-date with the latest features, optimizations, and security patches.
2. **Technical Support:** Access comprehensive technical support services, troubleshooting

guides, online forums, and knowledge bases to address any inquiries, setup assistance, or troubleshooting needs effectively.

### **Elevate Your Home Entertainment Experience:**

Experience the future of entertainment with our Mini [Internet TV Box](#), backed by top-tier OEM Android TV Box Suppliers. Discover the convenience, versatility, and immersive capabilities that redefine how you enjoy digital content, gaming, and smart home interactions in your living space