

# Amlogic S905Y2 Quad Core DDR4 RAM Android 8.1 Double WiFi 4K FHD UHD Smart TV Box

## Specifications

Model No.	(S905Y2) Android Smart TV Box
CPU	Amlogic S905Y2 quad-core ARM Cortex-A53 CPU(S905Y2)
GPU	ARM Dvalin MP2 GPU
ROM	LPDDR4: 4GB
Internal Storage	eMMC: 32GB(Option: 64GB)
OS	Android 8.1
WiFi	2.4G+5.8G+ac IEEE 802.11 ac

## Video&Audio CODEC

Video	<ul style="list-style-type: none"><li>□ Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders</li><li>□ Support multi-video decoder up to 4Kx2K@60fps+1x1080P@60fps</li><li>□ Supports multiple “secured” video decoding sessions and simultaneous decoding and encoding</li><li>□ Video/Picture Decoding<ul style="list-style-type: none"><li>- VP9 Profile-2 up to 4Kx2K@60fps</li><li>- H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps</li><li>- AVS2-P2 Profile up to 4Kx2K@60fps</li><li>- H.264 AVC HP@L5.1 up to 4Kx2K@30fps</li><li>- H.264 MVC up to 1080P@60fps</li><li>- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)</li><li>- WMV/VC-1 SP/MP/AP up to 1080P@60fps</li><li>- AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps</li><li>- MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)</li><li>- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)</li><li>- RealVideo 8/9/10 up to 1080P@60fps</li><li>- Multiple language and multiple format sub-title video support</li><li>- MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)</li><li>- Supports JPEG thumbnail, scaling, rotation and transition effects</li><li>- Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats</li></ul></li></ul>
Audio	<p>Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing</p> <p>Built-in serial digital audio SPDIF/IEC958 input/output and PCM input/output built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x32bits x 8ch or 96kHz x 32bits x 32ch and I2S mode up to 384kHz x 32bits x 8ch</p> <p>Digital microphone PDM input with programmable CIC, LPF &amp; HPF, support up to 8 DMICs</p> <p>Built-in stereo audio DAC</p> <p>Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM</p>

## I/O

1*HDMI	HDMI 2.1,Support HDMI CEC, Dynamic HDR and HDCP 2.2,4Kx2K@75 max resolution output.
1*USB	1* USB 3.0;
1*IR Reciver	Remote Reciver Connect
Bluetooth	Bluetooth 4.2 +HS
1*TF CARD	Support 4GB/8GB/16GB/32GB/64GB
1*Micro USB	Micro USB

## Others

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

Option

Browse all video websites, support Netflix,Hulu,Flixster,Youtube, etc.  
Apps download freely form android market, amazon app store etc.  
Local Media playback, Support HDD, U Disck , TF Card.



**Model:**

# Android TV Stick

- Android 8.1
- 4K ULTRA HD
- HDR
- 2.4G 5.8GG WiFi
- Low Power DDR4



S905Y2

**CPU**

4 Core  
64bit

**Android**

8.1

**ARM**

Cortex A53

**H.265**

HEVC

**GPU**

Davlin MP2

**WiFi**

2.4/5.8G

**4K**

Ultra HD

**eMMC**

Low Power  
DDR4

**BT**

4.2



33MM

13MM



98MM



Smarter, Faster, and more powerful than ever chipset



Android 8.1



Low Power DDR4



HDR



# Neural Networks API

Smarter, faster, and moer powerful than ever chipset



SDR



HDR



## Support HDR

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

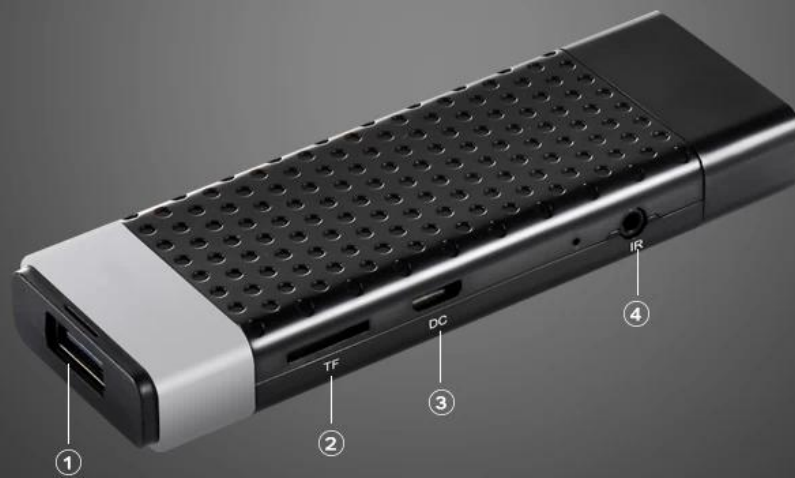
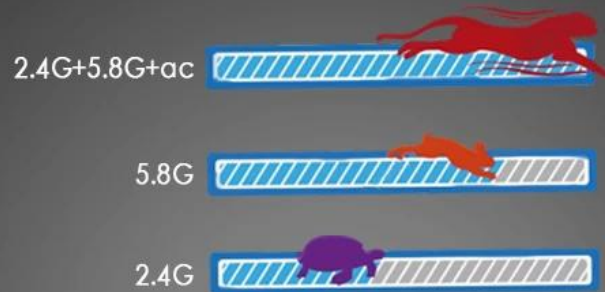
Fully supporting Premium 4K UHD contents with a powerful 64bit CPU and Mali-450 GPU combination in place to handle 4K graphics and offers strikingly realistic pictures.



- ▶ **HD2.1 (4K@75fps)**
- ▶ 10bit (Color Depth)
- ▶ BT.4.2 (A wider color gamut)
- ▶ 4090\*2160(Resolution)
- ▶ HDR10

Which supports IEEE 802.11 a/b/g/n/ac and users can enjoy both download & upload simultaneously.

  
2.4G+5.8G  
IEEE 802.11 ac



**Interface:**

- ① **USB3.0**
- ② TF Card
- ③ Micro USB
- ④ IR



# New generation

Small, So Small , But powerfull.

Say goodbye to Background Cleaning and Slugish Performances.  
We adopted the newest cutting edge Low Power DDR4 Memory.





## Accessories:



Elevate your home entertainment experience with the Amlogic S905Y2 Quad Core DDR4 RAM Android TV Box. Packed with advanced features and cutting-edge technology, this device delivers an immersive and seamless viewing experience like never before.

### 1. Powerful Quad-Core Processor:

The Amlogic S905Y2 Quad Core processor ensures lightning-fast performance, allowing you to enjoy smooth streaming, gaming, and multitasking without any lag.

### 2. DDR4 RAM for Enhanced Performance:

Experience enhanced speed and efficiency with DDR4 RAM, ensuring quick app launches, smooth navigation, and seamless multitasking.

### 3. Double WiFi Connectivity:

Stay connected with double WiFi connectivity, enabling faster and more stable internet connections for uninterrupted streaming and browsing.

#### **4. 4K FHD and UHD Support:**

Enjoy crystal-clear picture quality with 4K Full HD and Ultra HD resolution support. Dive into immersive visuals with vibrant colors, sharp details, and lifelike clarity.

#### **5. Wide Range of Content:**

Access a wide range of streaming services, apps, games, and more through the Google Play Store. Enjoy endless entertainment options tailored to your preferences.

#### **6. User-Friendly Interface:**

Navigate through menus and apps effortlessly with a user-friendly interface. Customize your home screen, organize apps, and access your favorite content with ease.

#### **7. Versatile Connectivity Options:**

Connect external devices such as USB drives, keyboards, and game controllers for added convenience and functionality. Expand your entertainment possibilities with versatile connectivity options.

#### **8. Voice Control Capabilities:**

Take control of your TV experience with voice commands. Use voice search to find content, adjust settings, and control playback hands-free.

#### **9. Compact and Stylish Design:**

The compact and stylish design of the Amlogic S905Y2 Quad Core TV Box complements any home entertainment setup, adding a touch of modernity to your living space.

#### **10. Future-Ready Technology:**

Equipped with advanced hardware and software features, the Amlogic S905Y2 [Quad Core TV Box](#) is future-proof, ensuring compatibility with upcoming entertainment technologies.

Upgrade your entertainment setup with the Amlogic S905Y2 Quad Core DDR4 RAM Android TV Box. Immerse yourself in stunning visuals, seamless performance, and a world of entertainment possibilities right at your fingertips.