

# Amlogic S905X3 4G LTE Android TV Box with Dual WiFi 8K 4GB RAM 32GB ROM

## Specifications

Model No.	AmlogicS905X3 4G TV Box
CPU	AmlogicS905X3 Quad core ARM Cortex-A55 CPU
GPU	ARM G31 MP2
RAM	4GB
ROM	32GB (Max 256GB Optional)
WiFi	2.4GHZ /5.8GHZ IEEE802. 11a/b/g/n/ac External antennas
Bluetooth	BT4.2
Android OS	Android 9

## 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>- 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>- 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>- Independent JPEG and H.264 encoder with configurable performance/bit-rate</li><li>- JPEG image encoding</li><li>- H.265/H.264 video encoding up to 1080P@60fps with low latency</li><li>- Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing</li><li>- Low-power VAD</li><li>- Built-in serial digital audio SPDIF/IEC958 input/output and PCM input/output, SPDIF supports</li></ul>
Audio	<ul style="list-style-type: none"><li>192KHz 16/24/32bit stereo</li><li>- 3 built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x 32bits x 16ch or 96kHz x 32-</li><li>bits x 32ch and I2S mode up to 384kHz x 32bits x 16ch</li><li>- Digital microphone PDM input with programmable CIC, LPF &amp; HPF, support up to 8 DMICs</li><li>- Built-in stereo audio DAC</li><li>- Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM</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	1* USB 3.0 3 *USB 2.0
External memory	1* TF Card
Audio OPTCAL	1* SPDIF

HDTV 1\* HDMI 2.1a 4Kx2K @60 Support PAL/NTSC  
Ethernet 1\* 1000M  
SIM card 1\* Sim Card  
RTC Support

**Others**

Power Supply DC 5V/2A



# Amlogic S905X3

Smarter, Faster, and more powerful than ever chipset.



# WiFi 802.11 b/g/n/ac

Ensure stronger and more stable WiFi signal with faster transmission speed.



Bluetooth 4.2

802.11 b/g/n/ac

2.4G/5G

# Embracing 8K Resolution

Real 7680x4320 @60HZ resolution brings unprecedented detail and realism,  
making every frame come to life



# 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.

**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)



Embedded multiple network protocols



DFOTA



Enhanced remote communication  
AT command



4G SIM card

# Android/Linux

Android9.0 / Ubuntu22.04 / Debian 10/11 / OpenWrt

\*Choose any one.



Android 9.0



Ubuntu22.04

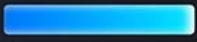
Debian 10/11

OpenWrt

# Gain 5DB

Gain 5DB for faster propagation speed

Small antenna  2DB

A007 antenna  5DB

# Gain 5DB





# 4GB RAM, Large Memory

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



RAM:2/4GB



ROM:16/64/128GB



# WHAT CAN WE DO?



**3D printing**



**ARM architecture computer/Mini PC**



**Working Conference**



**Teaching**



**Play games**



**watch movies**

# Interface & dimension



# Package contents



Power Adapter\*1



HD data cable\*1



User Manual\*1



Remote Control\*1

# Playing different messages simultaneously

The same terminal can set different content videos, images, and text according to its own needs



## Amlogic S905X3 4G LTE Android TV Box: Redefining Home Entertainment

Welcome to the future of home entertainment with our Amlogic S905X3 4G LTE Android TV Box. This innovative device combines powerful performance, advanced connectivity, and stunning visuals to offer a complete home theater experience.

### Key Features:

#### Powerful Performance:

The Amlogic S905X3 chipset ensures powerful and efficient performance, allowing you to enjoy your favorite content without any lag or delay. Navigate through apps, stream videos, and play games seamlessly.

#### 8K Visuals for an Immersive Experience:

Immerse yourself in the world of ultra-high-definition content with 8K support. Enjoy crystal-clear visuals, vibrant colors, and exceptional detail, bringing your favorite movies and shows to life.

#### Dual WiFi Connectivity:

Benefit from a stable and high-speed internet connection with Dual WiFi support. Stream content, play online games, and browse with confidence, knowing that your connection is optimized for a smooth experience.

#### Ample Storage and RAM:

With 4GB of RAM and 32GB of ROM, this TV box provides sufficient space for apps, games, and media files. Enjoy seamless multitasking and store your favorite content locally for quick access.

#### LTE Connectivity for Ultimate Convenience:

The inclusion of LTE connectivity enhances your streaming experience. Enjoy high-speed internet access without relying solely on WiFi, ensuring a reliable connection in various scenarios.

#### Versatile Connectivity Options:

Connect your TV box to various peripherals using HDMI, USB ports, and more. Enjoy flexibility in setting up your home entertainment system and easily link external devices.

#### User-Friendly Interface:

Designed with simplicity in mind, the TV box offers an intuitive interface for easy navigation. Set up your device effortlessly and explore a world of entertainment at your fingertips.

#### Experience the Future of Home Theater:

Discover a new era of home entertainment with the Amlogic S905X3 4G LTE Android TV Box. Immerse yourself in unparalleled visuals, lightning-fast performance, and versatile connectivity options. Transform your living room into a cinematic experience with a device that sets new standards in entertainment technology.

Elevate your entertainment experience with our Amlogic S905X3 4G LTE [Android TV Box](#). Featuring Dual WiFi, 8K support, and a robust configuration of 4GB RAM and 32GB ROM, this device delivers seamless streaming and immersive visuals. Enjoy lightning-fast connectivity and cutting-edge technology for a truly immersive home theater.