

# Unleash Entertainment with Android 11 Streaming Media Player

Specifications	
Model No.	Amlogic S905X4 TV Box
CPU	Amlogic S905X4 64-bit Quad Core ARM® Cortex™ A55 CPU
GPU	ARM Mali-G31 MP2 OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 support
RAM	4GB (2GB/4GB Optional)
ROM	64GB (16GB/32GB/64GB/128GB Optional)
OS	Android 11
WiFi	Support 2.4G and 5G, Support WiFi IEEE 802.11 b / g / n / ac
Bluetooth	Support BT4.X
Video&Audio CODEC	
Multimedia	<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 4x1080P@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 8Kx4K@24 fps</li> <li>- H.265 HEVC MP-10@L5.1 up to 8Kx4K@24 fps</li> <li>- AVS2-P2 Profile up to 8Kx4K@24 fps</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	Supports MP3, AAC, WMA, RM, FLAC, Ogg
I/O	
1*HDMI	4K*2K UHD Output, HDMI 1.4/2.0
1*AV OUT	480i/576i standard definition output
3*USB	1*USB 3.0 2*USB 2.0
1*IR Reciver	Remote Reciver Connect
1*RJ45	Ethernet Interface Support 1000M
1*Micro SD	Support
Power	DC IN(5V/2A)
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 Disk, TF Card.

## Amlogic S905X4

Amlogic S905X4 quad-core Arm Cortex-A55 processor @ up to 2.0 GHz with Arm Mali-G31MP2 supporting OpenGL ES3.2, Vulkan 1.1 and OpenCL 2.0

SMemory - 2GB DDR memory (options: 1GB or 4GB)

Storage - 8GB eMMC flash (options: 16GB, 32GB, 64GB), MicroSD card slot

## Video

Output - HDMI 2.1 up to 4K @ 60+Hz with CEC & HDCP2.2, AV output with composite video

Input - HMDI input (TBC)

Audio - Analog stereo audio via AV output, digital audio via HDMI, and optical S/PDIF

Video Playback

Codecs

AV1 up to 4K @ 120 fps

H.265 HEVC MP-10 up to 4K @ 75fps

VP9 up to 4K @ 75fps

AVS2-P2 up to 4K @ 75fps

H.264 AVC up to 4K @ 30fps

MPEG1/2/4 ASP, WMV/VC-1, RealVideo8/9/10,

HDR - HDR 10, HLG, PRIME HDR, TCH PRIME, options HDR10+, optional Dolby Vision

DRM - Google Widevine & Microsoft PlayReady; options: Verimatrix, Irdeto MSR2.2, Nagra TKL

Connectivity - 10/100M Ethernet (optional Gigabit Ethernet), Wi-Fi 5 802.11 a/b/g/n/ac MiMO,  
Bluetooth 4.2

USB - 1x USB 3.0 port, 1x USB 2.0 port

Misc - Power button; Power, IR & Network LEDs; IR receiver

Power Supply - 5V/2A via DC jack

X4

amlogic

S905X4

8K

Video CODEC

CPU

Cortex A55  
4 Core 64bit

GPU

Mali G31 MP2

ANDROID

11

VP9

HDR 10+

AV1

AV1 MP-10@L5.1  
4Kx2K@60fps

WiFi

2.4G/5G  
802.11ac

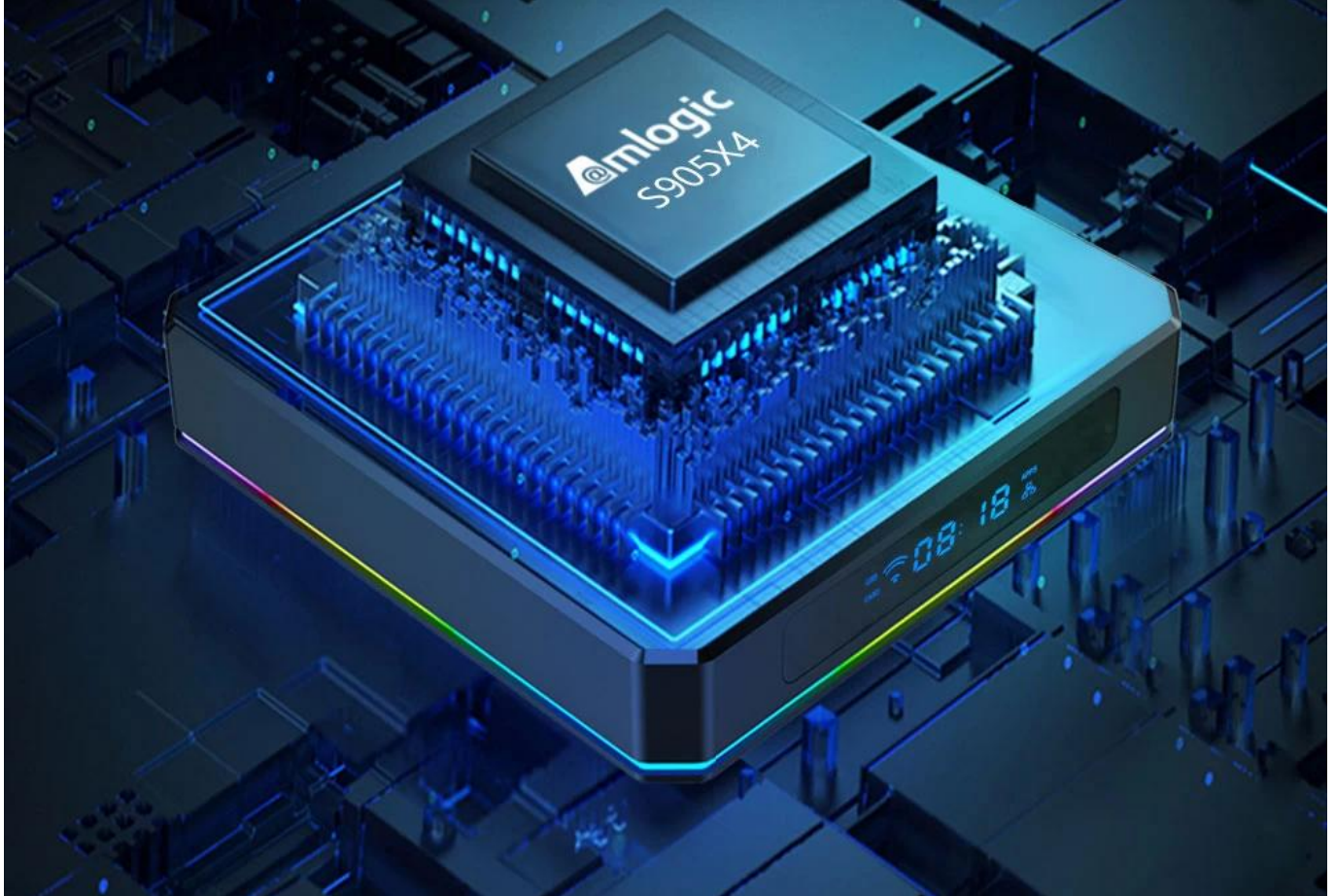
BT

4.1



# Amlogic Quad-core 64 bit

The S905X4 chipset is an advanced application processor with AV1 video codec, secured 4K video codec engine and HDR image processing functions.



# Android 11

Application installation is more flexible



# WiFi 2.4G&5G&802.11ac

Dual WiFi design , Faster transmission  
and more stable signal





**BT4.1**

**Fast, stable, multi-devices connection**

Available external devices via BT function

**Reading speed**  
USB 2.0 : Max 60M/s  
USB 3.0 : Max 500M/s

Phone Hard Drive U disk

## USB3.0 with super fast data-read speed

Smooth, stable, and fast playback of local videos. You can share the happy moment on TV together.

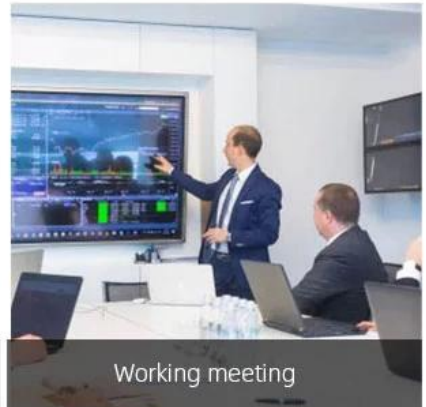




Leisure and entertainment



Family Fun Sharing



Working meeting

# Ultra high quality

Ultra-high-definition 4K resolution with a new generation of HDR image quality engine. Rich details display to let you see the world more clearly. 8K video decoding engine supported, which bring you more exciting content.

SDR



4K



Support Vulkan1.1, Support OpenGL ES3.2

Cooler graphics, more fun to playing games



# COLORFUL LIGHTING EFFECT

20 psychedelic lighting effects with multiple colors on your choice. Brighten your colorful life!



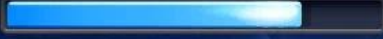
# AV1

More videos for less data.

AV1 is 30% better than H.265 or VP9.

AV1

↑ 20%-30%



VP9

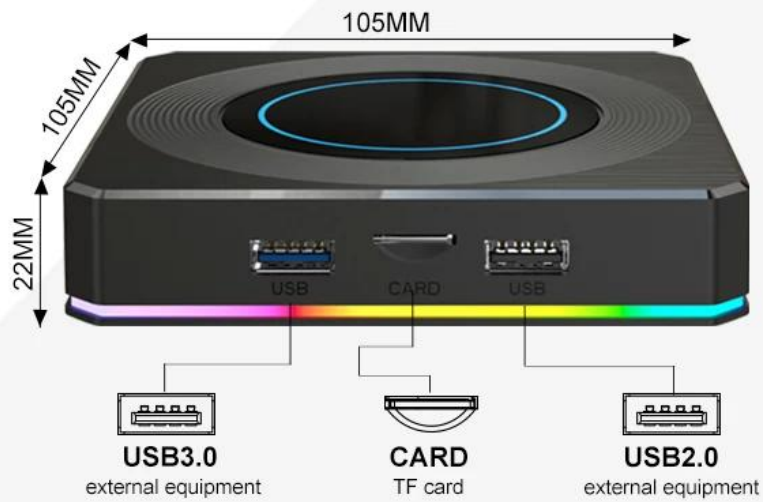
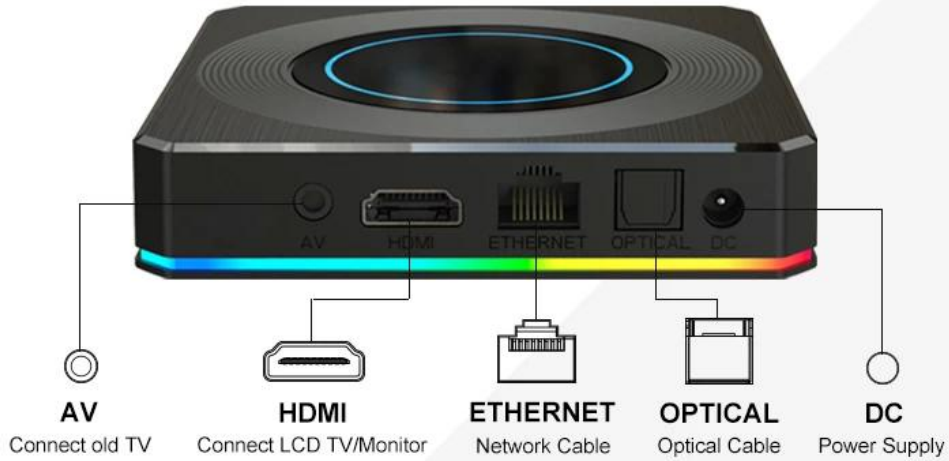


H. 265



# Various Interfaces

Various interfaces such as HDMI, LAN, USB, etc. which bring you a smart and colorful enjoyment.





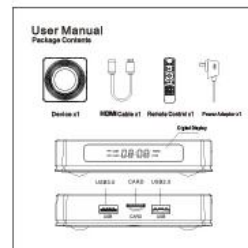
## Package Contents



Power Supply\*1



HD data cable\*1



User Manual\*1



Remote Control\*1

Elevate your entertainment with the Amlogic S905X4, the best Android 11 Smart TV Box and [Streaming Media Player](#) on the market. This powerful device redefines your TV experience, combining cutting-edge technology with unparalleled convenience.