

# Amlogic S905X4 - Specifications

CPU	
Processor	Amlogic S905X4
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GPU	ARM Mali-G31 MP2 OpenGL ES 1.1/2.0/3.2 Vulkan 1.1
RAM	4GB / 2GB / 4GB
Storage	64GB / 16GB / 32GB / 64GB / 128GB
OS	Android 11
Network	2.4G / 5G WiFi IEEE 802.11 b/g/n/ac
Bluetooth	BT4.X
Video	
Video	<ul style="list-style-type: none"> <li>• Amlogic AVE</li> <li>• 4x1080P@60fps</li> <li>• “”</li> <li>• /</li> <li>- VP9 Profile-2 8Kx4K@24 fps</li> <li>- H.265 HEVC MP-10@L5.1 8Kx4K@24 fps</li> <li>- AVS2-P2 8Kx4K@24 fps</li> <li>- MPEG-4 ASP@L5 1080P@60fps (ISO-14496)</li> <li>- WMV/VC-1 SP/MP/AP 1080P@60fps</li> <li>- AVS-P16(AVS) /AVS-P2 1080P@60fps</li> <li>- MPEG-2 MP/HL 1080P@60fps (ISO-13818)</li> <li>- MPEG-1 MP/HL 1080P@60fps (ISO-11172)</li> <li>- Real 8/9/10 1080P@60fps</li> <li>-</li> <li>- MJPEG / JPEG (ISO/IEC-10918)</li> <li>- JPEG</li> <li>- *.mkv *.wmv *.mpg *.mpeg *.dat *.avi *.mov *.iso *.mp4 *.rm *.jpg</li> </ul>
Audio	MP3 AAC WMA RM FLAC Ogg
I/O	
1*HDMI	4K*2K HDMI 1.4/2.0
1*AV	480i/576i
3*USB	1*USB 3.0 2*USB 2.0
1*	
1*RJ45	1000M
1*SD	
	5V/2A
Image	
	JPEG BMP GIF PNG TIF
	Netflix, , HDD U TF

Amlogic S905X4  
 Amlogic S905X4 64-bit Arm Cortex-A55 @ 2.0 GHz Arm Mali-G31MP2 OpenGL ES3.2 Vulkan 1.1 OpenCL 2.0  
 SMemory - 2GB DDR 1GB 4GB  
 - 8GB eMMC 16GB 32GB 64GB MicroSD

## Video

- HDMI 2.1 4K @ 60Hz CEC HDCP2.2 AV
- HDMI
- AV HDMI S/PDIF
- 
- 
- AV1 4K @ 120 fps
- H.265 HEVC MP-10 4K @ 75fps
- VP9 4K @ 75fps
- AVS2-P2 4K @ 75fps
- H.264 AVC 4K @ 30fps
- MPEG1/2/4 ASP WMV/VC-1 RealVideo8/9/10
- HDR - HDR 10 HLG PRIME HDR TCH PRIME HDR10
- DRM - Google Widevine Microsoft PlayReady Verimatrix MSR2.2 Nagra TKL
- 10/100M Wi-Fi 5 802.11 a/b/g/n/ac MiMO 4.2
- USB - 1 USB 3.0 1 USB 2.0
- - LED
- - 5V/2A DC

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

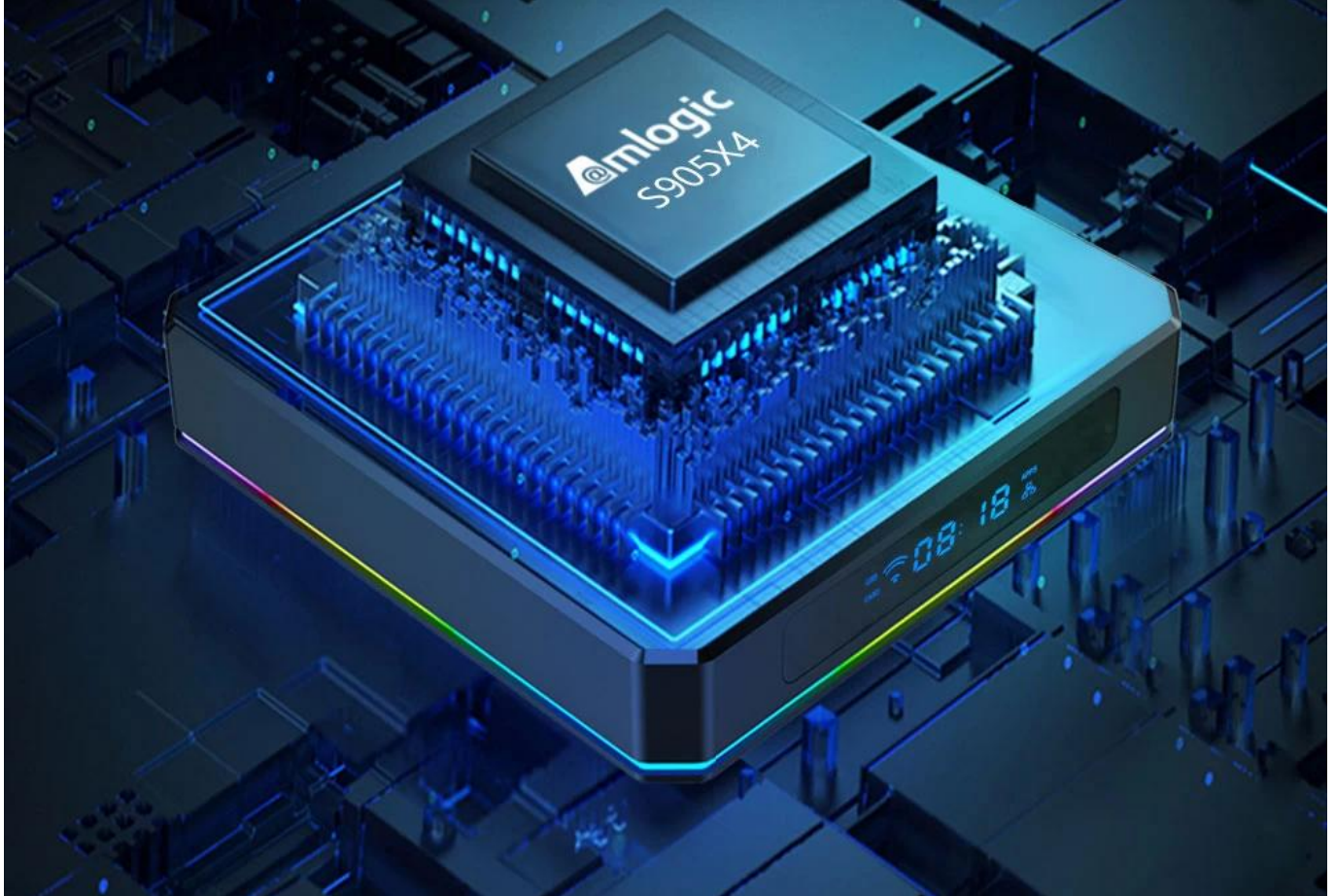
BT

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.

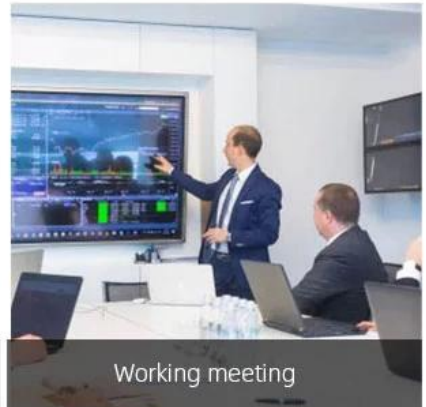




Leisure and entertainment



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!



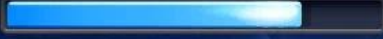
# AV1

More videos for less data.

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

AV1

↑ 20%-30%



VP9

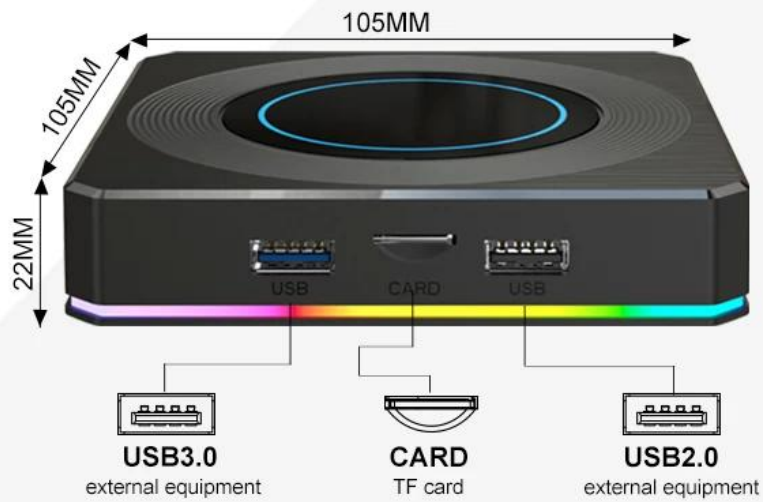
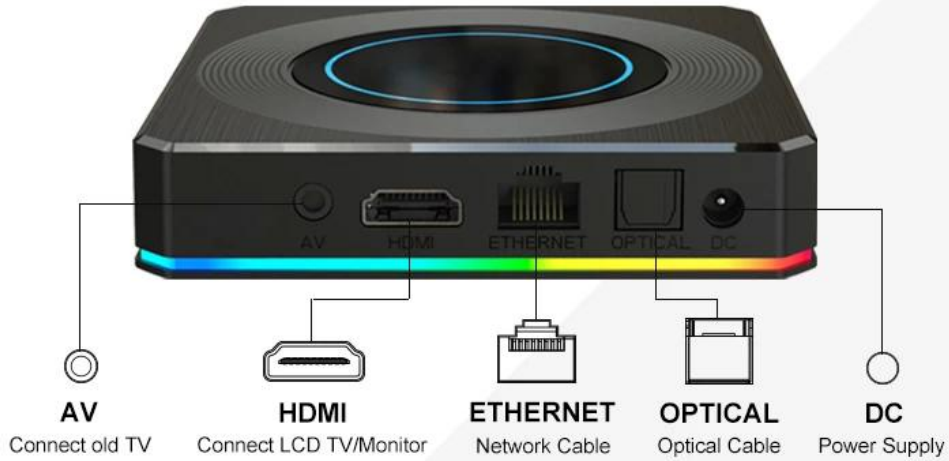


H. 265



# 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

Amlogic S905X4 Android 11