

Amlogic S905X4 11

CPU	
Processor	Amlogic S905X4 64-bit ARM® Cortex™ A55 CPU
GPU	ARM Mali-G31 MP2 OpenGL ES 1.1/2.0/3.2 Vulkan 1.1 OpenCL 2.0
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"> • Amlogic AVE • 4x1080P@60fps • “” • / - VP9 Profile-2 8Kx4K@24 fps - H.265 HEVC MP-10@L5.1 8Kx4K@24 fps - AVS2-P2 8Kx4K@24 fps - MPEG-4 ASP@L5 1080P@60fps (ISO-14496) - WMV/VC-1 SP/MP/AP 1080P@60fps - AVS-P16(AVS) /AVS-P2 1080P@60fps - MPEG-2 MP/HL 1080P@60fps (ISO-13818) - MPEG-1 MP/HL 1080P@60fps (ISO-11172) - Real 8/9/10 1080P@60fps - - MJPEG / JPEG (ISO/IEC-10918) - JPEG - *.mkv *.wmv *.mpg *.mpeg *.dat *.avi *.mov *.iso *.mp4 *.rm *.jpg
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	
Power	5V/2A
Image	
Image	JPEG BMP GIF PNG TIF
Image	
Image	Netflix, HDD, U, TF

Amlogic S905X4
 Amlogic S905X4 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 □□

□□ - HMDI □□□□□□

□□ - □□ 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

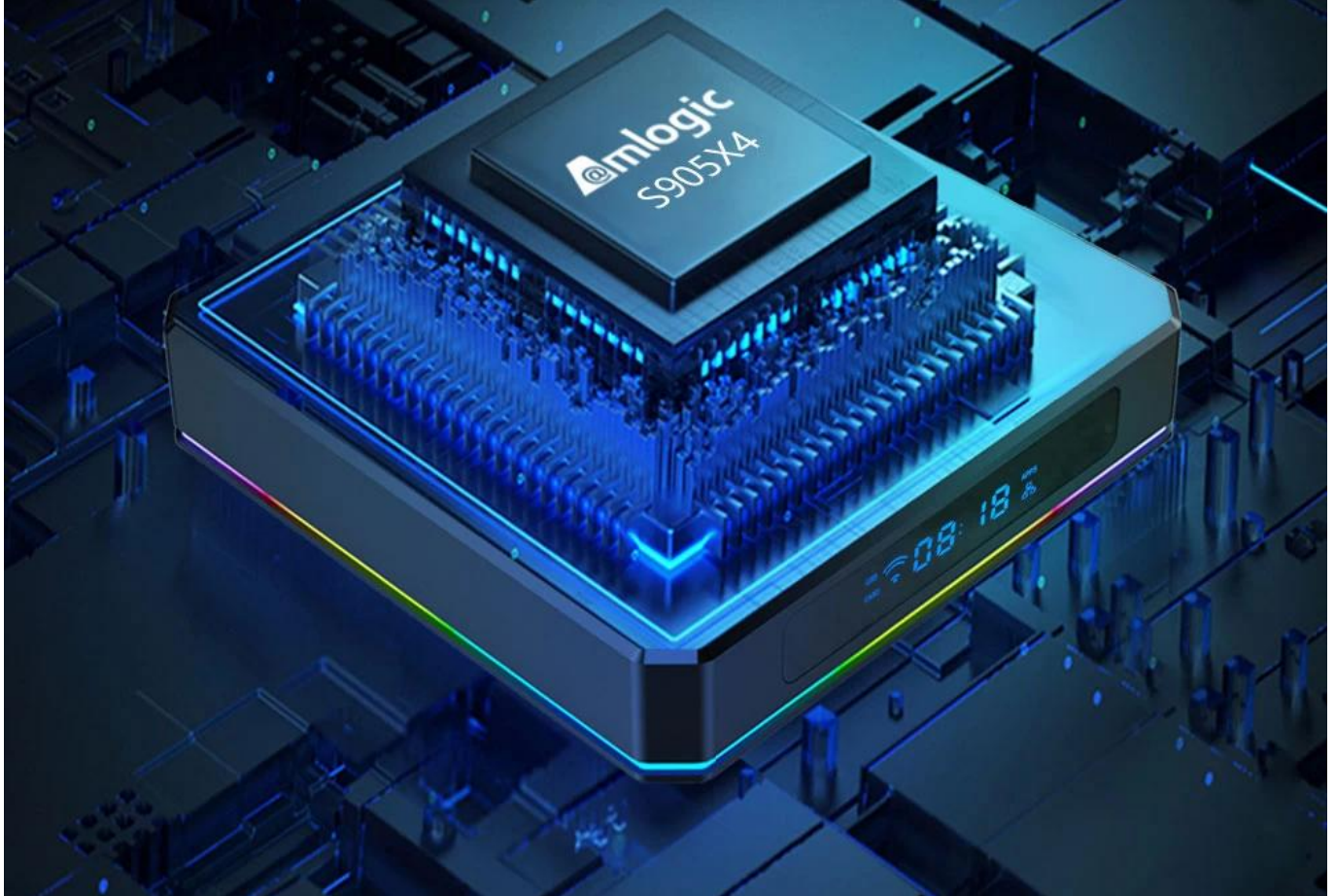
BT

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.



DLNA



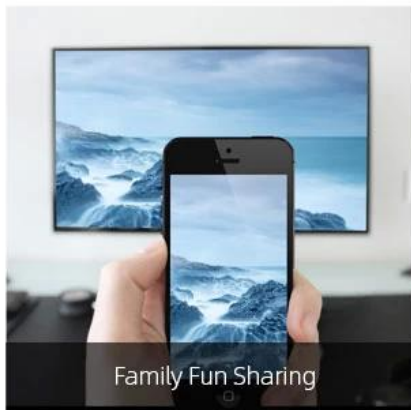
Airplay



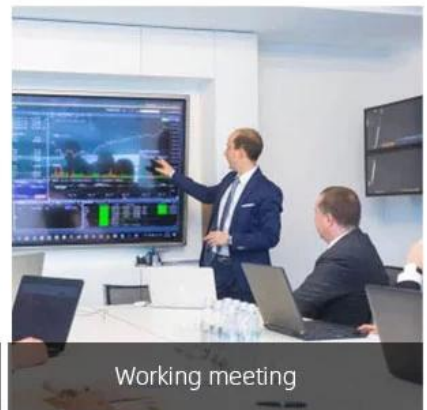
Miracast



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!



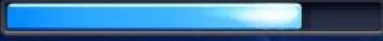
AV1

More videos for less data.

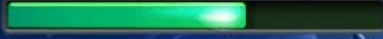
AV1 is 30% better than H.265 or VP9.

AV1

↑ 20%-30%



VP9

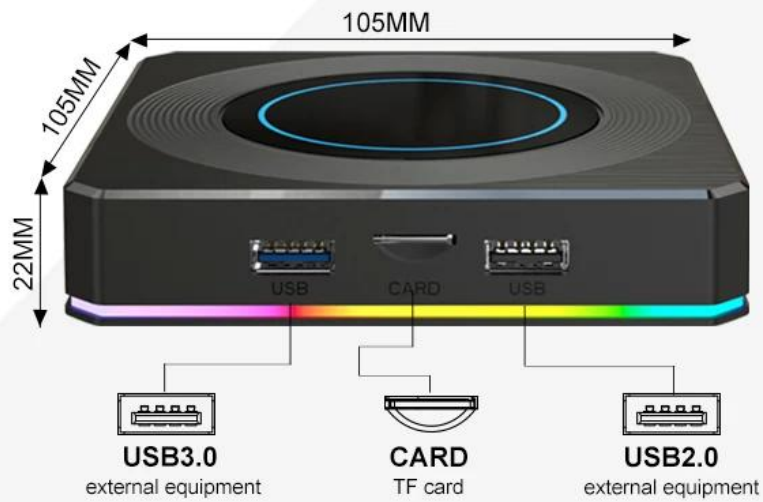
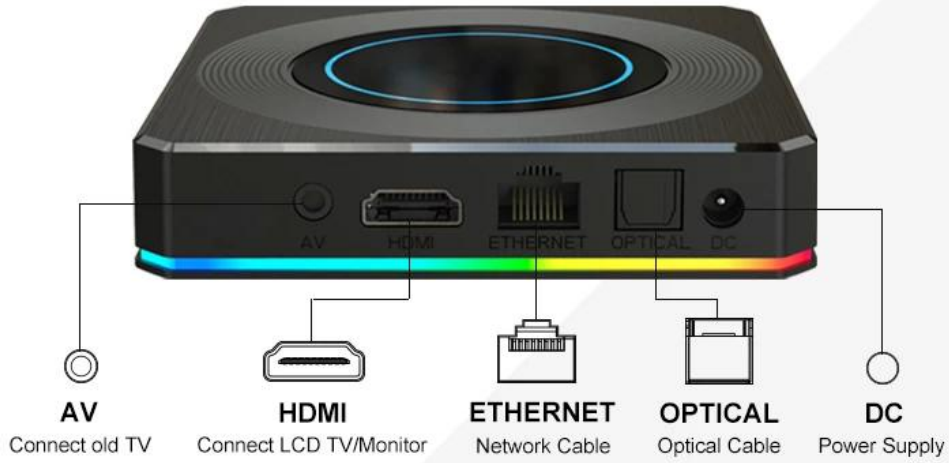


H. 265



Various Interfaces

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





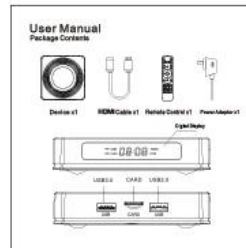
Package Contents



Power Supply*1



HD data cable*1



User Manual*1



Remote Control*1

Android 11 Amlogic S905X4