

# Amlogic S905X3 四核 Quad Core G31 MP2 4GB LPDDR4 32GB eMMC Android 9 智能电视

产品概述	
处理器	Amlogic S905X3
GPU	Amlogic S905X3 集成 ARM® Cortex™ A55 64 核
GPU	集成 GPU G31™ MP2
内存	LPDDR4: 2GB/4GB
eMMC	32GB(可选): 16GB/64GB)
操作系统	Android 9.0
网络	IEEE 802.11 a/b/g/n/ac; 2.4G / 5G
接口	USB; 红外遥控接收器
视频性能	
视频引擎	<p>Amlogic Video Engine (AVE) 支持 4x1080P@60fps</p> <p>支持 "HDR10" 格式</p> <p>支持以下格式/分辨率:</p> <ul style="list-style-type: none"> <li>- VP9-2 8Kx4K@24 fps</li> <li>- H.265 HEVC MP-10@L5.1 8Kx4K@24 fps</li> <li>- AVS2-P2 8Kx4K@24 fps</li> <li>- H.264 AVC HP@L5.1 4Kx2K@30fps</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 JiZhun 1080P@60fps</li> <li>- MPEG-2 MP/HL 1080P@60fps (ISO-13818)</li> <li>- MPEG-1 MP/HL 1080P@60fps (ISO-11172)</li> <li>- RealVideo 8/9/10 1080P@60fps</li> <li>- MJPEG 或 JPEG (ISO/IEC-10918)</li> <li>- JPEG, GIF, PNG, BMP, TIF</li> <li>- *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm, *.jpg</li> </ul>
音频	<p>支持 MP3, AAC, WMA, RM, FLAC, Ogg 7.1/5.1</p> <p>VAD 支持</p> <p>支持 SPDIF/IEC958 或 PCM</p> <p>支持 TDM/PCM/I2S 3 声道 TDM/PCM 384kHz x 32 位 x 16ch 或 I2S 384kHz x 32 位 x 16ch</p> <p>支持 PDM 8 声道</p> <p>支持 CIC, LPF 或 HPF</p> <p>DAC 支持</p> <p>支持 PCM 或 I2SPCM</p>
接口/连接	
1 * HDMI	HDMI 2.1 支持 HDMI CEC, Dynamic HDR 8Kx4K@24
1 * 摄像头	支持 480i/576i
3 * 音频	1 * 3.0 2*2.0
1 * 红外遥控 IR	支持
1*RJ45	支持 10/100/1000M
1 * 电源 TF	支持 4GB/8GB/16GB/32GB/64GB
电源	支持 5V/2A
兼容性	
格式	HD JPEG, BMP, GIF, PNG, TIF
音频	支持 MP3, AAC, WMA, RM, FLAC, Ogg





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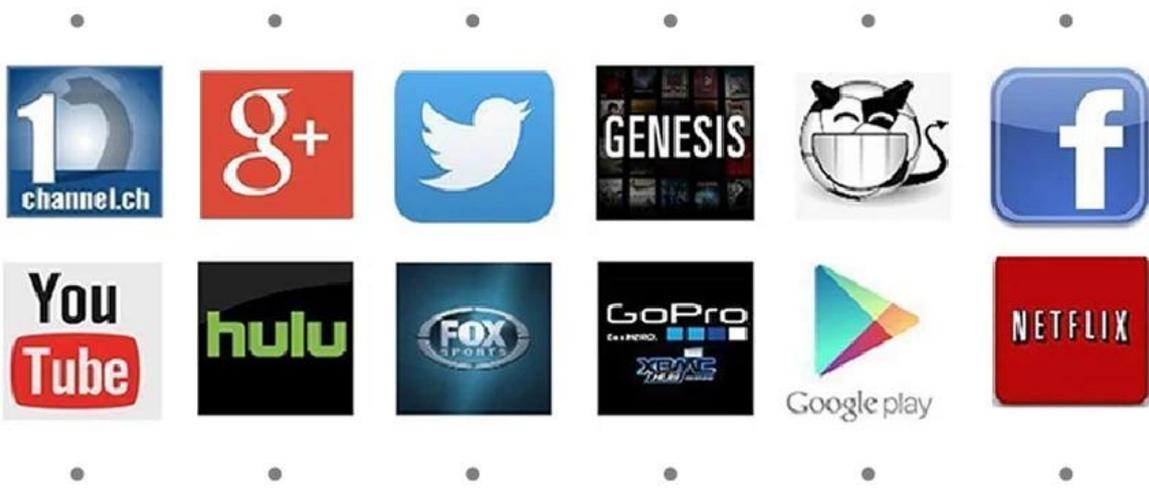
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Smosh Games





### AirPlay

Enjoy it on the big screen and the best speaker.



Your video/music/photo from your Android devices/ios devices through DLNA/Airplay/onto big screen. Enjoy the best gaming & entertainment experience.



# Neural Networks API

Smarter, Faster, and more powerful than ever chipset.



LCD Panel : System Time Display / HD Video Output Status Display / AV Status Display / USB Mount Status Display / TF Card Mount Status Display



## Support HDR+

HDR makes it's possible than color gamut expands  
100% and maximun



S905X3

**CPU**

4 Core  
64bit



28mm

**Android**

9.0

**ARM**

Cortex A55

105mm

**LAN**

1000M

**GPU**

Mali-G31

105mm

**H.265**

HEVC

**VP9**

HDR 10+

**WiFi**

2.4/5.8G  
802.11.ac

**8K**

Ultra HD

**BT**

4.0

**eMMC**

DDR3



## Interface:

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DC-5V ----- ①	LAN ----- ④	USB 3.0 ----- ⑦
OPTICAL ----- ②	AV ----- ⑤	USB 2.0 ----- ⑧
HD ----- ③	IR ----- ⑥	CARD ----- ⑨

Amlogic S905X3 Quad-Core CPU  
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eMMC 32GB Amlogic S905X3 USB microSD

Android 9: Google Play Store

Amlogic S905X3 HDMI, USB, Wi-Fi

Amlogic S905X3 TV Box

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