

# TV 9 Amlogic S922X



<p>Amlogic S922X TV</p>	
CPU	Amlogic S922X 64 ARM® Cortex™ A73 CPU ARM® Cortex™ A53 CPU
GPU	ARM Mali™-G52 MP4 GPU
ROM	2G/4GB LPDDR4
	16G B/ 64GB eMMC
	Android 9.0
<p>Amlogic Video Engine(AVE)</p> <p>HW UHD 4K H.265 75fps 1080p H.265/H.264 60fps              4Kx2K@60fps1x1080P@60fps              "H.265" H.264 H.264 AVC HP@L5.1 4Kx2K@60fps              H.264 MVC 1080P@60fps              MPEG-4 ASP@L5 1080P@60fps(ISO-14496)              WMV/VC-1 SP/MP/AP 1080P@60fps              AVS-P16(AVS) /AVS-P2 JiZhun 1080P@60fps              MPEG-2 MP/HL 1080P@60fps(ISO-13818)              MPEG-1 MP/HL 1080P@60fps(ISO-11172)              RealVideo 8/9/10 1080P@60fps              H.265/H.264 1080P@60fps              MJPEG JPEG (ISO/IEC-10918)              JPEG *mkv,*wmv,*mpg,*mpeg,*dat,*avi,*mov,*iso,*mp4,*rm*.jpg              Dolby Vision HDR10, HDR10, HLG PRIME HDR</p>	
	JPEG H.265/H.264 1080P@60fps
	CEC, Dynamic HDR HDCP 2.2 PHY HDMI 2.1 4Kx2K@60 C VBS 480i/576i SD/HD/FHD 480i/p, 576i/p, 720p, 1080i/p 4Kx2K 4 MIPI DSI MP3, AAC, WMA, RM, FLAC, Ogg 7.1/5.1 SPDIF/IEC958 PCM TDM/PCM/I2S 3 TDM/PCM 84kHz x32 x 8 96kHz x 32 x 32 I2S 384kHz x 32x8 CIC, LPF HPF PDM 8 DMIC DAC I2SPCM
	HD MPEG1/2/4, H.265/HEVC, HD AVC/VC-1, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10
	Avi/Rm/RmVb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
	MP3/WMA/AAC/WAV/OGG/DDP/TrueHD/HD/FLAC/APE
	HD JPEG/BMP/GIF/PNG/TIFF
USB	USB2.0, 480Mbps/USB3.0, 5.1Gbps
SIM	SIM
HDMI	HDMI 2.2/1 Lvds/1 EDP
	RJ45 100/1000M

WiFi/BT	AP63985(WiFi/BT) 2.4G/5.8G
4G	PCIe
TF	MicroSD(Up to 128G)
HDD	SATA Max2TB (Optional)
Power	12V DC/3A 5.5*2.5mm

It offers excellent performance, high resolution, 3D, and other features, making it an ideal choice for AI applications. It also supports various protocols and standards, ensuring compatibility and ease of integration.

The Amlogic S922X is a 12nm AI SoC. It features a CPU, GPU, and 4K video processing capabilities. The S922X is based on the Cortex-A73 CPU and Cortex-A53 CPU. It supports various video formats and standards, including H.264, H.265, VP9, and JPEG. It also supports various audio formats and standards, including PCM, I2S, SPDIF, and PDM. The S922X is a powerful and versatile SoC for AI applications.

Features:

- o Amlogic 64-bit ARM® Cortex™ A73 CPU and ARM® Cortex™ A53 CPU
- o ARM Mali-G52 MP4 GPU
- o HW UHD 4K@60fps 10-bit HDR10, HDR10+, HLG, and PRIME HDR
- o Dolby Vision, HDR10, HDR10+, HLG, and PRIME HDR
- o Cortex-M4
- o DRM and TrustZone
- o WiFi, BT, USB, SD, and other protocols
- o AI capabilities

Amlogic S922X is an Android SoC for OTT/IPTV (STB) applications. It features a CPU, GPU, and 4K video processing capabilities. It also supports various protocols and standards, ensuring compatibility and ease of integration. The S922X is a powerful and versatile SoC for AI applications.

The CPU is based on the ARM Cortex-A73 and Cortex-A53. It supports various video formats and standards, including H.264, H.265, VP9, and JPEG. It also supports various audio formats and standards, including PCM, I2S, SPDIF, and PDM. The S922X is a powerful and versatile SoC for AI applications.

The S922X is a powerful and versatile SoC for AI applications. It features a CPU, GPU, and 4K video processing capabilities. It also supports various protocols and standards, ensuring compatibility and ease of integration. The S922X is a powerful and versatile SoC for AI applications.

Amlogic Video Engine(AVE-10) 支持 H.264, H.265-10, VP9 解码, H.264, H.265-10, VP9 编码, 支持 1080p 60fps 编码。支持 Cortex-A53 CPU, 支持 4Kx2K 60fps 视频播放。支持 TVP, 支持 75fps 4Kx2K 视频播放。支持 MVC, MPEG-1/2/4, VC-1/WMV, AVS, AVS2, RealVideo, MJPEG 解码。支持 H.264, H.265-10, VP9 解码, H.264, H.265-10, VP9 编码, 支持 1080p 60fps 编码。

Amlogic S922X 支持 3D, HDR, CEC, HDCP 2.2, HDMI2.1, DAC, CVBS, 4x MIPI DSI, TDM, PCM, I2S, SPDIF, 8x PDM, DMIC, DVP。

Amlogic S922X 支持 TV, 支持 2x USB 3.0, USB 2.0, DC12V, The power adapter, Power input, PCIE, RS232, RS232, EDP (backlight control), EDF (Voltage selection), EDP (Video output), KEY, IR, LED, WiFi+BT, Touch screen, LVDS(Voltage selection), LVDS(backlight control), (Video output) LVDS, Strand, IIC, I2S-C, I2S-B, Audio input, HDMI(out), Audio output, Burner, T112 Burner (The Vbyone video output), Head phone output, HDMI (out input), 1000M port, TF-Card (UP) SIMCard(Be), USB, OTG, USB 3.0, USB 2.0, DC12V (Power power button), The power adapter.

支持 RGMII 10/100/1000M MAC, 10/100M PHY, USB XHCI OTG 2.0 1, USB3.0, PCIe 1。







