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XX **Amlogic S928X 8K -**

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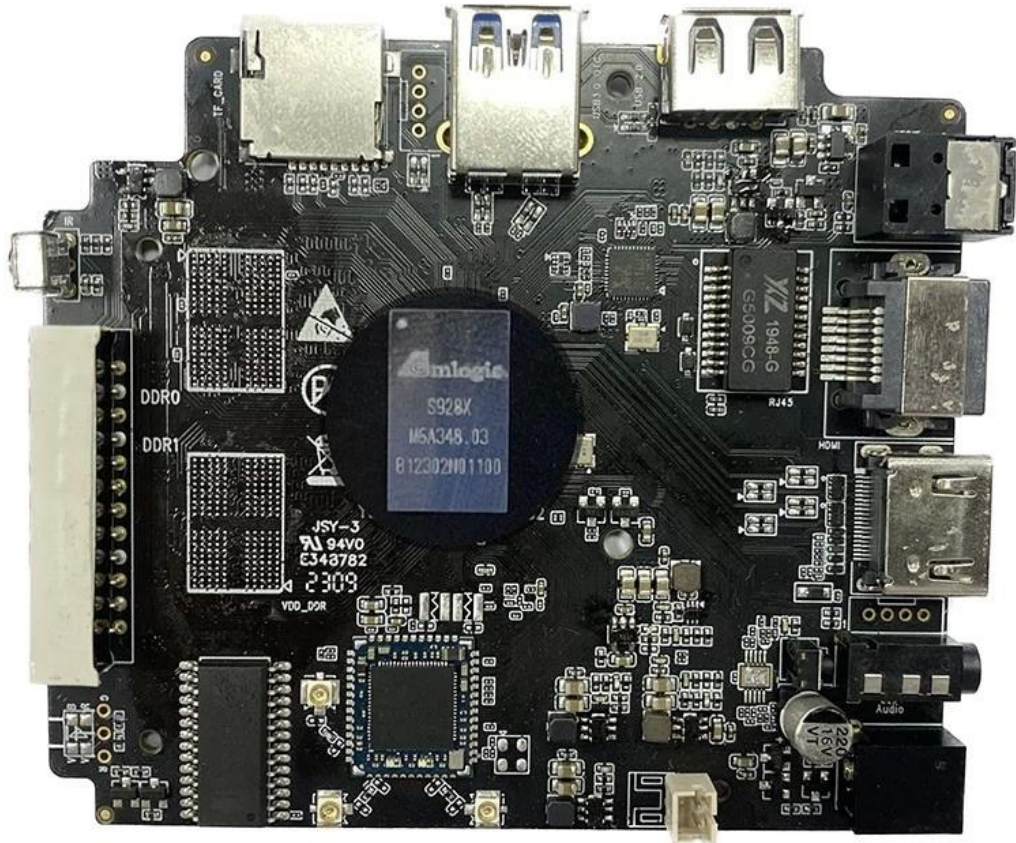
XXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXX	Amlogic S928X 8K XXXXXXXXXXXXXXX
XXXXXXXXXXXX	Amlogic S928X ARM Cortex-A76 XXXXXXXXXXXXXXX ARM Cortex-A55
XXXXXXXXXXXX	ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, XXXXXXXXXXXXXXX 1.2 XXXXXXX OpenCL 2.0
XXXXXXXXXXXX	3.2 XXXXXXX
XXXX	DDR4 64 XXXXXXX, LPDDR4/4X XXXXXXXXXXXXXXX 8GB DDR4266
EMMC	eMMC 5.1, SLC NAND XXXXXXX
	Amlogic Video Engine (AVE) XXX
	XXXXXXXXXXXXXXXXXXXX
	AV1 MP-10 @ L6.1 XXXXXXXXXXXXXXX 8Kp60
	XXXXXXXXXXXX VP9-2 @ 6.1 XXXXXXXXXXXXXXX 8Kp60
	H.265 HEVC MP-10 @ L6.1 XXXXXXXXXXXXXXX 8Kp60
	AVS3 XXXXXXX 1 XXXXXXXXXXXXXXX 8Kp60
	XXXXXXXXXXXX AVS2-P2 XXXXXXXXXXXXXXX 8Kp60
	H.264 AVC HP @ L5.2 XXXXXXXXXXXXXXX 4Kp60
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	MPEG-4, WMV/VC-1, AVS, MPEG-2, MPEG-1 XXXXXXXXXXXXXXX 1080p60
	MJPEG XXXXXXX JPEG XXX (ISO/IEC-10918)
	XX 4x 4Kp60
	XXXXXXXXXXXXXXXXXXXX
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX JPEG XXXXXXXXXXXXXXX 4Kp60
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX H.265 XXXXXXXXXXXXXXX 4Kp60 XXXXXXXXXXXXXXXXXXXXXXX
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX H.264 XXXXXXXXXXXXXXX 4Kp60 XXXXXXXXXXXXXXXXXXXXXXX
	XXXXXXXXXXXXXXXXXXXX Amlogic TruLife XXXXXXXXXXXXXXXXXXXXXXX 8 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Dolby Vision (XXXXXXXXXXXXXXXXXXXX), HDR10, HDR10, HLG XXXXXXX HDR Vivid
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX (NNA) XXXXXXXXXXXXXXX 3.2 TOPS XXXXXXXXXXXXXXXXXXXXXXX
	Tensor Processing Unit (TPU) XXXXXXXXXXXXXXX TensorFlow XXXXXXX Caffe
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX HDMI 2.1a XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PHY XXXXXXXXXXXXXXX CEC, Dynamic HDR XXXXXXX
XXXXXXXXXXXXXXXXXXXX	HDCP 2.2/2.3, XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 8Kp60 XXXXXXXXXXXXXXXXXXXXXXX eARC, VRR, QMS, QFT, ALLM, DSC & SBTM
	XXXXXXXXXXXX MP3, AAC, WMA, RM, FLAC, Ogg Vorbis, Opus, SRS Truvolume, Dolby Audio (XXXXXXXXXXXXXXXXXXXX), DTS (XXXXXXXXXXXXXXXXXXXX) XXX
	7.1/5.1
	VAD XXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX/XXXXXXXXXXXX SPDIF XXXXXXXXXXXXXXXXXXXXXXX 192kHz XXXXXXXXXXXXXXX 16/24/32 XXXXXXX
	3x XXXXXXX TDM/PCM/I2S XXXXXXXXXXXXXXXXXXXXXXX TDM/PCM XXXXXXXXXXXXXXX 48kHz x 32 XXXXXXX x 32ch
	XXXX 192kHz x 16 XXXXXXX x 16ch XXXXXXXXXXXXXXX I2S XXXXXXXXXXXXXXX 384kHz x 32XXXX x 16ch
	XXXXXXXXXXXXXXXXXXXXXXXXXXXX PDM XXXXXXX CIC, LPF, HPF XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXX
	DMIC XXXXXXXXXXXXXXX 8 XXXXXXX
	DAC XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	10/100/1000 XXXXXXX
XXXXXXXXXXXXXXXXXXXX USB2.0	1x USB XHCI OTG 2.0, 2x XXXXXXX USB 2.0, 1x USB 3.0 (5 Gbps) XXXXXXXXXXXXXXXXXXXXXXX
	PCIe 2.0

S928X



* Supported configuration: PCIe 2.0 port + USB 2.0 Host, or USB3.0 port without PCIe.







Amlogic S928X 集成 SoC 支持 8K UHD 视频播放，搭载 ARM Cortex-A76, ARM Cortex-A55 处理器，支持 8Kp60 视频播放，支持 AV1, H.265, VP9, AVS3, AVS2 视频编解码，支持 4K GUI, SR 等功能。

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Amlogic S928X 8K Android TV Box

Amlogic S928X

4K 60 FPS HDR10 HLG

GPU Mali-G31 MP2 OpenGL ES3.2 Vulkan 1.1 OpenCL 2.0

Android TV 10 Google Assistant

Wi-Fi Bluetooth 5.0 HDMI, USB

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