

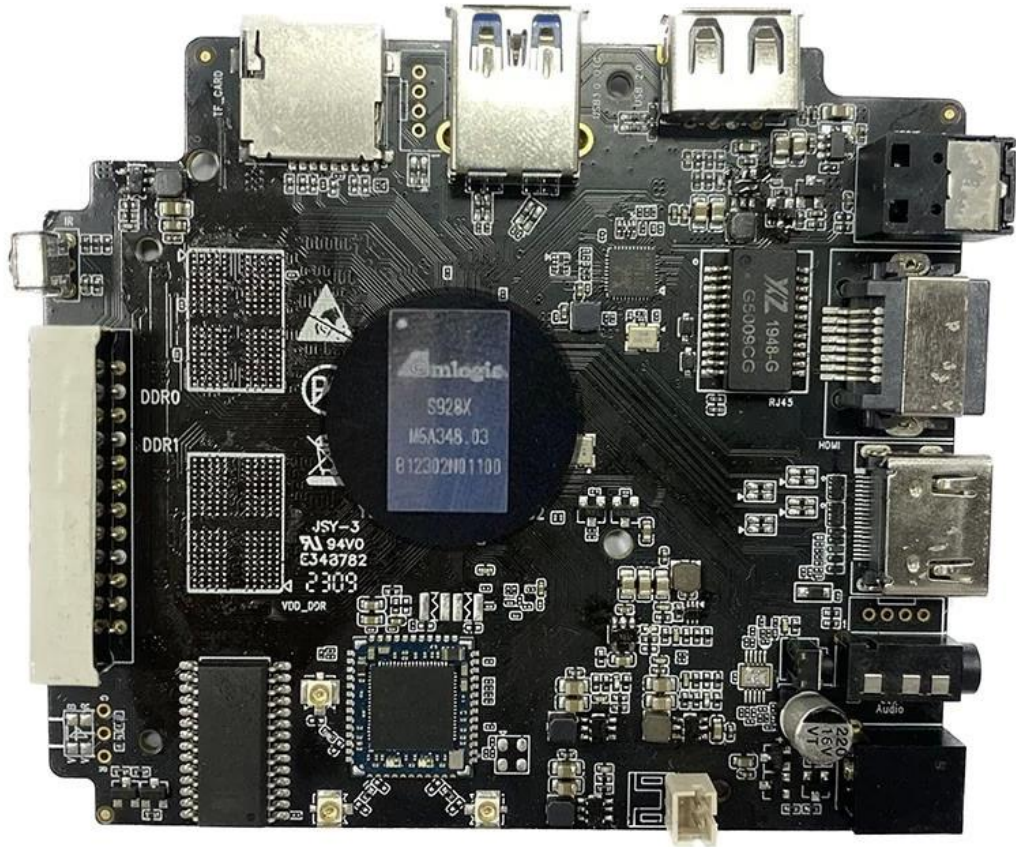
Google Amlogic S928X

Processor	
Processor	Google Amlogic S928X
CPU	Amlogic S928X ARM Cortex-A76
GPU	ARM Cortex-A55
GPU	ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, Vulkan 1.2 OpenCL 2.0
Cache	3.2 GB
Memory	DDR4 64-bit, LPDDR4/4X 8GB DDR4266
EMMC	eMMC 5.1, SLC NAND
Video	
Amlogic Video Engine (AVE) AV1 MP-10 @ L6.1 8Kp60	
VP9-2 @ 6.1 8Kp60	
H.265 HEVC MP-10 @ L6.1 8Kp60	
AVS3 1 8Kp60	
AVS2-P2 8Kp60	
H.264 AVC HP @ L5.2 4Kp60	
MPEG-4, WMV/VC-1, AVS, MPEG-2, MPEG-1 1080p60	
MJPEG JPEG (ISO/IEC-10918) 4x 4Kp60	
JPEG 4Kp60	
H.265 4Kp60	
H.264 4Kp60	
Amlogic TruLife 8 Dolby Vision (HDR10, HDR10+, HLG) HDR Vivid	
Tensor Processing Unit (TPU) 3.2 TOPS TensorFlow Caffe	
HDMI 2.1a PHY CEC, Dynamic HDR HDCP 2.2/2.3, 8Kp60 eARC, VRR, QMS, QFT, ALLM, DSC & SBTM	
MP3, AAC, WMA, RM, FLAC, Ogg Vorbis, Opus, SRS TruVolume, Dolby Audio (Dolby Digital, DTS) 7.1/5.1	
VAD	
SPDIF 192KHz 16/24/32 3x TDM/PCM/I2S TDM/PCM 48kHz x 32 x 32ch 192kHz x 16 x 16ch I2S 384kHz x 32 x 16ch	
PDM CIC, LPF, HPF DMIC 8 DAC	
10/100/1000	
USB2.0	1x USB XHCI OTG 2.0, 2x USB 2.0, 1x USB 3.0 (5 Gbps) 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 4K 60FPS HDR10 HLG

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Amlogic S928X GPU Mali-G31 MP2 OpenGL ES3.2, Vulkan 1.1 OpenCL 2.0

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Amlogic S928X Android TV 10 Google Assistant

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Amlogic S928X Wi-Fi Bluetooth 5.0

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