

Amlogic S928X

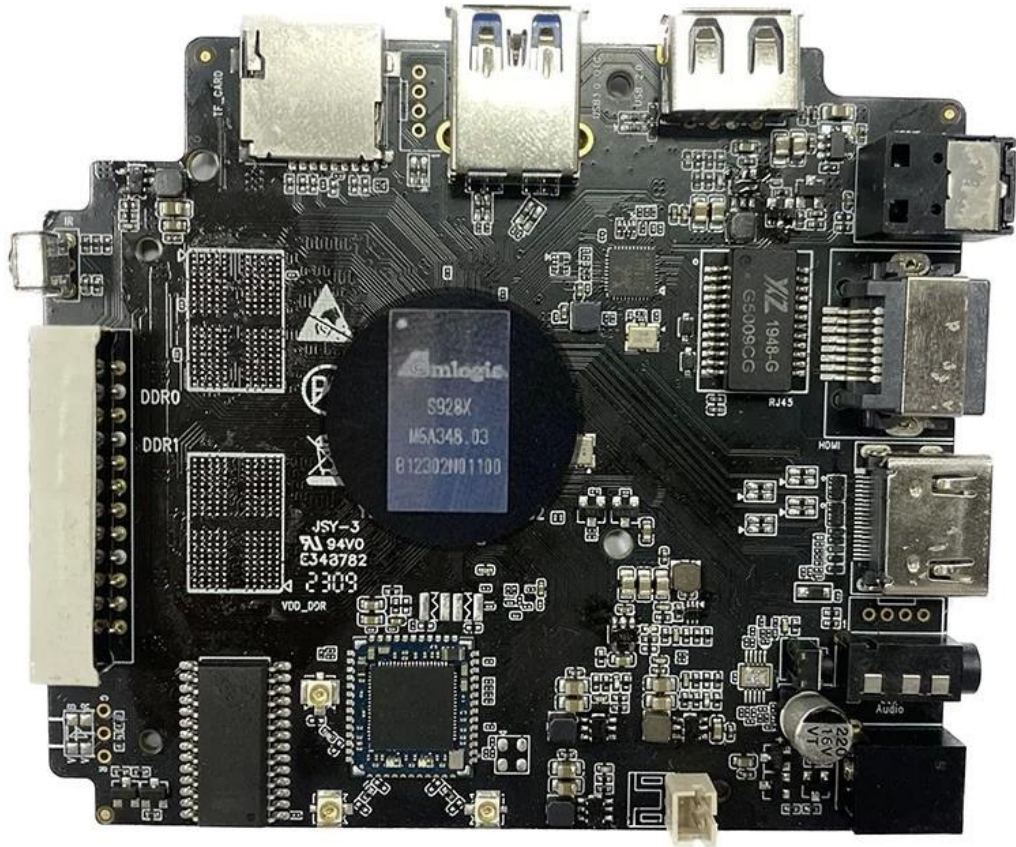
Amlogic S928X

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

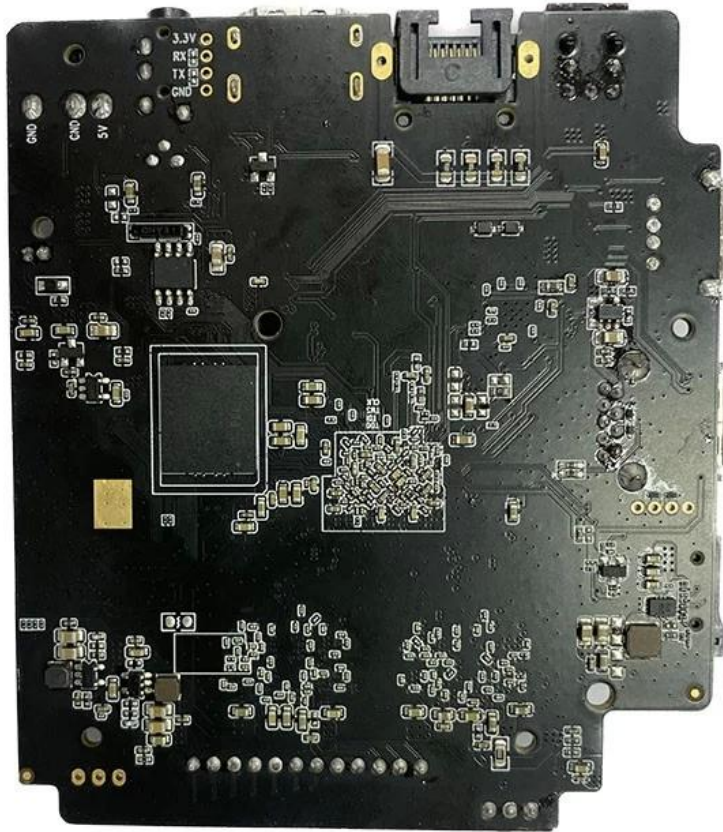
S928X



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







Amlogic S928X 四核 SoC STB 支持 8K UHD 视频播放，ARM Cortex-A76, ARM Cortex-A55
支持 8Kp60 视频播放，支持 AV1, H.265, VP9, AVS3, AVS2 编解码，支持 4K GUI,
SR 支持，支持 4K 视频播放，支持 4K 视频播放，支持 4K 视频播放

Amlogic S928X 四核 SoC STB 支持 8K UHD 视频播放，ARM Cortex-A76, ARM Cortex-A55
支持 8Kp60 视频播放，支持 AV1, H.265, VP9, AVS3, AVS2 编解码，支持 4K GUI,
SR 支持，支持 4K 视频播放，支持 4K 视频播放，支持 4K 视频播放

S928X 四核 SoC STB 支持 8K UHD 视频播放，ARM Cortex-A76, ARM Cortex-A55
支持 8Kp60 视频播放，支持 AV1, H.265, VP9, AVS3, AVS2 编解码，支持 4K GUI,
SR 支持，支持 4K 视频播放，支持 4K 视频播放，支持 4K 视频播放

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB

Amlogic S928X 4K 60FPS HDR10 HLG GPU Mali-G31 MP2 Vulkan 1.1 OpenCL 2.0 Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI, USB