

# Amlogic S928X

Amlogic S928X	
Processor	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
Cache	3.2
Memory	DDR4 64 LPDDR4/4X 8 DDR4266
Storage	eMMC 5.1 SLC NAND Flash
Video	Amlogic (AVE) AV1 MP-10 @ L6.1 8 VP9 Profile-2 @ 6.1 8 H.265 HEVC MP-10 @ L6.1 8 AVS3 8 AVS2-P2 8 H.264 AVC HP @ L5.2 4
Audio	MPEG-4 WMV/VC-1 AVS MPEG-2 MPEG-1 1080 MJPEG JPEG ISO/IEC-10918 4x4Kp60 JPEG 4 H.265 4 H.264 4 Amlogic TruLife Dolby Vision HDR10 HLG HDR TOPS (NNA) TensorFlow Caffe
Connectivity	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 DTS 7.1/5.1 VAD
Audio	SPDIF 16/24/32 192 3 TDM/PCM/I2S TDM/PCM 32x32x48 16x16x192 I2S 16x32x384 PDM CIC LPF HPF 8 DMIC
Audio	DAC
Audio	10/100/1000
USB	1x USB XHCI OTG 2.0 2x USB 2.0 1x USB 3.0 (5) PCIe 2.0

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









Amlogic S928X 4K 60Hz HDR10 HLG

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

Amlogic S928X Android TV 10 Google Assistant

Amlogic S928X Wi-Fi Bluetooth 5.0 HDMI USB Ethernet

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