

# Amlogic S928X

Amlogic S928X	Amlogic S928X
CPU	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
NPU	3.2
DDR	64 DDR4 LPDDR4/4X 8GB DDR4266
eMMC	eMMC 5.1 SLC NAND
Video	Amlogic AVE AV1 MP-10 @ L6.1 8Kp60 VP9 Profile-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
Image	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 8 Amlogic TruLife Dolby Vision HDR10 HDR10+ HLG HDR Vivid
AI	3.2 TOPS (NNA) (TPU) TensorFlow Caffe
Audio	HDMI 2.1a PHY CEC 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 DTS 7.1/5.1 VAD
Audio	SPDIF 192kHz 16/24/32 3 TDM/PCM/I2S TDM/PCM 48kHz x 32bits x 32ch 192kHz x 16bits x 16ch I2S 384kHz x 32bits x 16ch PDM CIC LPF HPF 8 DMIC DAC
Network	10/100/1000 MAC
USB	1x USB XHCI OTG 2.0 2x USB 2.0 1x USB 3.0 (5 Gbps) 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 ARM Cortex-A76 ARM Cortex-A55 8K SoC  
AV1 H.265 VP9 AVS3 AVS2 8Kp60 4K GUI SR

Amlogic S928X S928X

S928X ARM Cortex-A53 CPU 4K S928X

S928X 60 4K HDR10 HLG

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

S928X Android TV 10 Google Assistant

S928X 支持Wi-Fi 5.0 HDMI USB

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