

Amlogic S928X 8K - 8K Video Playback

Specifications

Processor	Amlogic S928X 8K Processor
System Processor	Amlogic S928X ARM Cortex-A76 Processor 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 8 GB DDR4266
Storage	eMMC 5.1 SLC NAND Flash
Video Decoding	<p>Amlogic (AVE) Video Decoder</p> <p>AV1 MP-10 @ L6.1 8K Kp60</p> <p>VP9 Profile-2 @ 6.1 8K Kp60</p> <p>H.265 HEVC MP-10 @ L6.1 8K Kp60</p> <p>AVS3 8K 1 Kp60</p> <p>AVS2-P2 8K Kp60</p> <p>H.264 AVC HP @ L5.2 4K Kp60</p>
Video Encoding	<p>MPEG-4 WMV/VC-1 AVS MPEG-2 MPEG-1 1080p60</p> <p>MJPEG JPEG (ISO/IEC-10918)</p> <p>4K Kp60</p> <p>JPEG 4K Kp60</p> <p>H.265 4K Kp60</p> <p>H.264 4K Kp60</p> <p>Amlogic TruLife HDR10 HDR HLG HDR Dolby Vision (HDR10+)</p>
AI Processing	3.2 TOPS NNA TensorFlow Caffe Tensor (TPU)
Connectivity	<p>HDMI 2.1a PHY CEC Dynamic HDR HDCP 2.2/2.3 8K Kp60 eARC VRR QMS QFT ALLM DSC SBTM</p> <p>MP3 AAC WMA RM FLAC Ogg Vorbis Opus SRS Truvolume Dolby Audio (DTS)</p>
Audio	<p>SPDIF 16/24/32-bit 192kHz</p> <p>3 TDM/PCM/I2S 32x32-bit 48kHz</p> <p>16x16-bit 192kHz I2S 16x32-bit 384kHz</p> <p>PDM CIC LPF HPF 8-bit DAC</p> <p>DMIC</p> <p>DAC</p>
Ports	10/100/1000 Ethernet
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 8K Android TV Box 4 60 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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