

Amlogic S928X 8K TV Box - TV Box

Model	Amlogic S928X 8K TV Box
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 TOPS
RAM	64GB DDR4, LPDDR4/4X / 8GB DDR4/266
eMMC	eMMC 5.1, SLC NAND / Amlogic Video Engine(AVE) / AV1 MP-10 @ L6.1 / 8Kp60 VP9 / 2 @ 6.1 / 8Kp60 H.265 HEVC MP-10 @ L6.1 / 8Kp60 AVS3 Phase 1 / 8Kp60 AVS2-P2 / 8Kp60 H.264 AVC HP @ L5.2 / 4Kp60
Video	MPEG-4, WMV/VC-1, AVS, MPEG-2, MPEG-1 / 1080p60 MJPEG / JPEG / ISO/IEC-10918 4x 4Kp60 / 4Kp60 JPEG / 4Kp60 H.265 / 4Kp60 H.264 / Dolby Vision, HDR10, HDR10+, HLG / HDR Vivid / 8K / Amlogic TruLife
AI	TPU (3.2 TOPS) / (NNA), TensorFlow / Caffe
Audio	CEC, Dynamic HDR / HDCP 2.2/2.3 / PHY / HDMI 2.1a / eARC, VRR, QMS, QFT, ALLM, DSC / SBTM / 8Kp60 / MP3, AAC, WMA, RM, FLAC, Ogg Vorbis, Opus, SRS TruVolume, Dolby Audio, DTS / 7.1/5.1 / VAD
Audio	SPDIF / 192kHz 16/24/32 / 48kHz x 32ch / 192kHz x 16ch / TDM/PCM / 384kHz x 32ch / I2S / TDM/PCM/I2S / CIC, LPF, HPF / PDM / 8 DMIC / DAC
Network	10/100/1000 MAC
USB2.0	USB XHCI OTG 2.0 1, USB 2.0 2, PCIe 2.0 / USB 3.0(5Gbps) 1

S928X



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



Amlogic
S928X
M5A348.03
812302W01100

DDR0

DDR1

JSY-3
94V0
E343782
2309

G6006CC

RJ45

HDMI

Audio

220
16V



YB910_428_V1.0 23082
JSY-3
94V0
E343782
2309

DDR0

DDR1

VDD_DDR

G5000CC
94V0
R145

HDMI

Audio

TF_CARD



220
16V



Amlogic S928X ARM Cortex-A76, ARM Cortex-A55 SoC. AV1, H.265, VP9, AVS3, AVS2 8Kp60 4K GUI, SR

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