

Amlogic S928X-J 2024 Android TV 2024

Model

Chipset

CPU

GPU

NPU

RAM

eMMC

Amlogic S928X-J 2024 Android TV

Amlogic S928X-J ARM Cortex-A76 ARM Cortex-A55

ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, Vulkan 1.2 OpenCL 2.0

3.2 TOPS

64GB DDR4, LPDDR4/4X 8GB DDR4/266

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

4Kp60 JPEG

4Kp60 H.265

4Kp60 H.264

Dolby Vision, HDR10, HDR10, HLG HDR Vivid 8 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 x 16ch TDM/PCM 384kHz x 32ch x 16ch I2S TDM/PCM/I2S 3

CIC, LPF, HPF PDM 8 DMIC

DAC

Network

10/100/1000 MAC

USB2.0

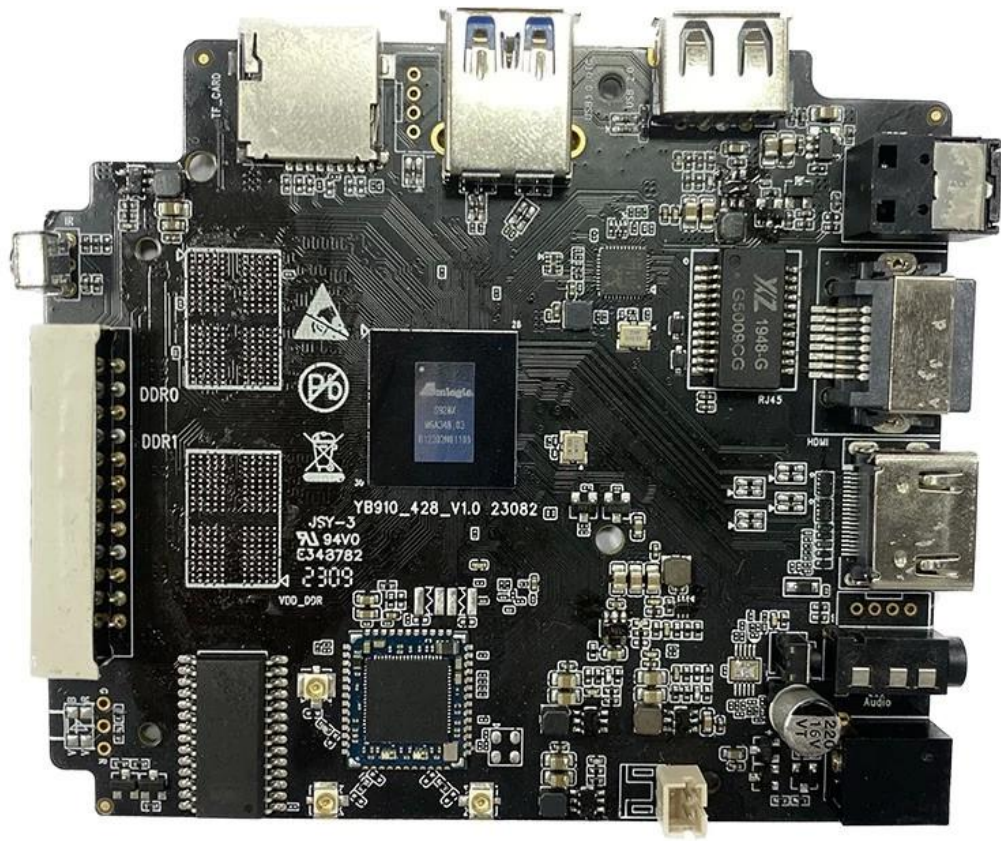
USB XHCI OTG 2.0 1, USB 2.0 2, PCIe 2.0 USB 3.0(5Gbps) 1

S928X



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





YB910_428_V1.0 23082
JSY-3
94V0
E343782
2309

DDR0
DDR1

VDD_DDR

G5000CC
19A81
RJ45

HDMI

Audio





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

Amlogic S928X-J 8K UHD STB SoC. AV1, H.265, VP9, AVS3, AVS2 8Kp60 4K GUI, SR

S928X-J 8K UHD STB SoC. AV1, H.265, VP9, AVS3, AVS2 8Kp60 4K GUI, SR

S928X-J 8K UHD STB SoC. AV1, H.265, VP9, AVS3, AVS2 8Kp60 4K GUI, SR

S928X-J 8K UHD STB SoC. AV1, H.265, VP9, AVS3, AVS2 8Kp60 4K GUI, SR

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