

Android TV OEM

IPTV OEM

Processor

Amlogic S928X-J Android OEM
Amlogic S928X-J ARM Cortex-A76 ARM Cortex-A55
ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, 1.2 OpenCL 2.0
3.2
DDR4 64 LPDDR4/4X 8GB DDR4266
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 1 8Kp60
AVS2-P2 8Kp60
H.264 AVC HP @ L5.2 4Kp60

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
Amlogic TruLife 8 Dolby Vision (HDR10, HDR10, HLG) HDR Vivid

(NNA) 3.2 TOPS TensorFlow Caffe

HDMI 2.1a PHY CEC, Dynamic 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
SPDIF 192KHz 16/24/32
3x TDM/PCM/I2S TDM/PCM 48kHz x 32 x 32ch
192kHz x 16 x 16ch I2S 384kHz x 32 x 16ch
PDM CIC, LPF, HPF
DMIC 8
DAC

10/100/1000

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-J 集成 SoC STB 支持 8K UHD 视频播放 ARM Cortex-A76, ARM Cortex-A55
支持 8Kp60 视频播放——AV1, H.265, VP9, AVS3, AVS2 支持 4K GUI, SR 支持 4K 视频播放

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Amlogic S928X-J 8K 60FPS HDR10 HLG

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8K 60FPS HDR10 HLG

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

Android TV 10 Google Assistant

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Google Assistant

S928X-J chJip Wi-Fi

Bluetooth 5.0

HDMI, USB

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8K Amlogic S928X-J

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Wi-Fi HDR

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8K USB 3.0 Bluetooth 5.0

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Amlogic S928X-J 8K WiFi 6E

8K WiFi 6E

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