

# Amlogic S928X-J 8K

## Wi-Fi 6E:

### Processor

Amlogic S928X-J Processor

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

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

3.2 GHz

DDR4 64-bit, 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 Tensor Processing Unit (TPU) 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 (DTS-Dolby) 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

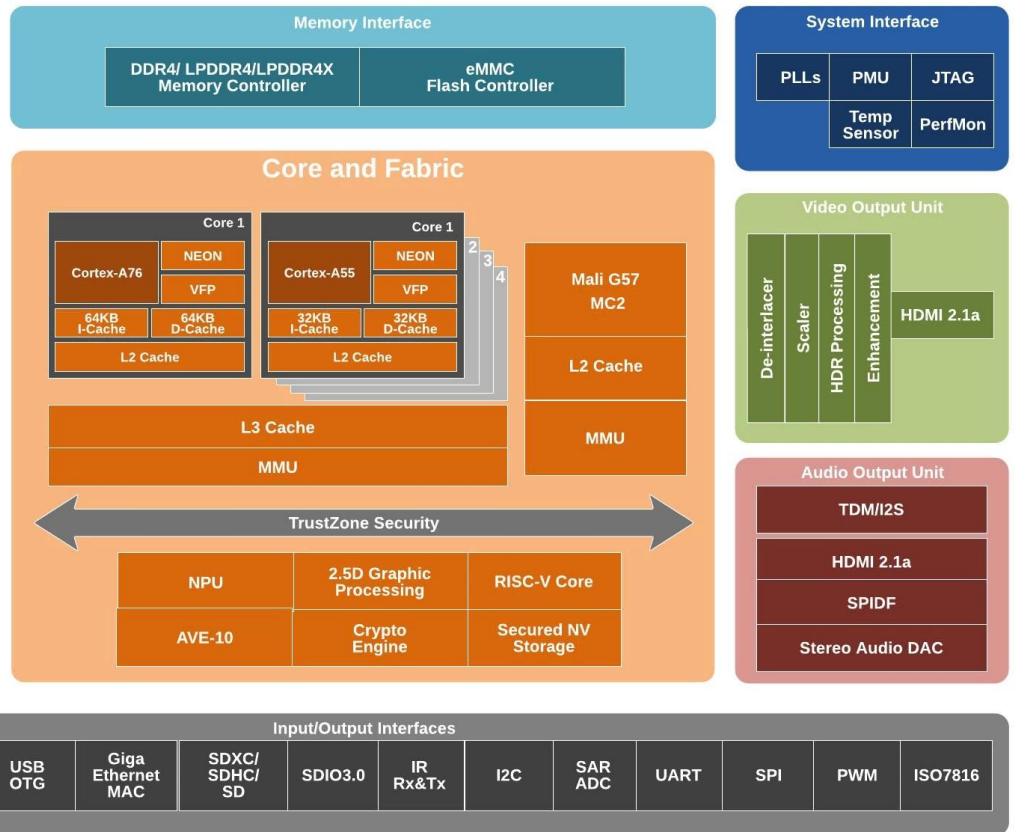
1x USB XHCI OTG 2.0, 2x USB 2.0, 1x USB 3.0 (5 Gbps) PCIe 2.0

USB2.0

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USB2.0

# 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 Android TV Box

Amlogic S928X-J

4K 60FPS HDR10 HLG

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

Android TV 10 Google Assistant

Wi-Fi Bluetooth 5.0 HDMI, USB

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Android TV 10

Google Assistant

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Bluetooth 5.0 HDMI, USB

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8K Amlogic S928X-J

8K Amlogic S928X-J

Wi-Fi HDR 8K USB 3.0 Bluetooth 5.0

Amlogic S928X-J 8K Android TV Box WiFi 6E

Android TV Box 8K WiFi 6E

Android TV Box

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8K Ultra HD [Amlogic S928X-J 8K Streaming Media Player](#)  
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4K [Amlogic S928X-J 8K Streaming Media Player](#)  
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Wi-Fi 6E [Amlogic S928X-J 8K Streaming Media Player](#) 6GHz  
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Netflix, Hulu [Amlogic S928X-J 8K Streaming Media Player](#) Disney  
Google Play Store Amlogic S928X-J  
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HDMI 2.1 [Amlogic S928X-J 8K Streaming Media Player](#) USB  
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8K Ultra HD Wi-Fi 6E