

# Amlogic S922X Quad Core Android 9.0



Model	Amlogic S922X Quad Core Android 9.0
Processor	Amlogic S922X ARM® Cortex™ A73 64 ARM® Cortex™ A53
GPU	GPU ARM Mali™-G52 MP4
Memory	2GB/4GB LPDDR4
Storage	16GB/64GB eMMC
OS	Android 9.0
CODEC	Amlogic Video Engine (AVE) HW UHD 4K H.265 75fps 10 1080p H.265/H.264 60fps 4Kx2K@60fps1x1080P@60fps "VP9-2" 4Kx2K@60fps H.265 HEVC MP-10@L5.1 4Kx2K@60fps AVS2-P2 4Kx2K@60fps H.264 AVC HP@L5.1 4Kx2K@30fps H.264 MVC 1080P@60fps MPEG-4 ASP@L5 1080P@60fps (ISO-14496) WMV/VC-1 SP/MP/AP 1080P@60fps AVS-P16(AVS) /AVS-P2 JiZhun 1080P@60fps MPEG-2 MP/HL 1080P@60fps (ISO-13818) MPEG-1 MP/HL 1080P@60fps (ISO-11172) RealVideo 8/9/10 1080P@60fps H.265/H.264 1080P@60fps MJPEG JPEG (ISO/IEC-10918) JPEG *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm *.jpg Dolby VisionOptional, HDR10, HDR10, HLG PRIME HDR
Display	JPEG H.265/H.264 1080P@60fps JPEG H.265/H.264 1080P@60fps HDMI 2.1 PHY CEC, Dynamic HDR HDCP 2.2, 4Kx2K@60 C VBS 480i/576i SD/HD/FHD 480i/p, 576i/p, 720p, 1080i/p 4Kx2K MIPI 4 1920*1080 MP3, AAC, WMA, RM, FLAC, Ogg 7.1/5.1 SPDIF/IEC958 PCM TDM/PCM/I2S 3 84kHz x32bits x 8ch 96kHz x 32bits x 32ch and I2S 384kHz x 32x8ch PDM CIC, LPF HPF DMIC 8 DAC PCM I2SPCM
Video	HD MPEG1/2/4, H.265/HEVC, HD AVC/VC-1, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10
Audio	Avi/Rm/Rm vb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
Image	MP3/WMA/AAC/WAV/OGG/DDP/TrueHD/HD/FLAC
Image	HD JPEG/BMP/GIF/PNG/TIFF

USB	USB2.0, 480Mbps/USB3.0, 5.1Gbps
WiFi	
HDMI	HDMI 2.2/1ch Lvds/1ch EDP
LAN	RJ45 100/1000M
4G	AP6398S 2.4G/5.8G
Storage	microSD (128G)
Storage	SATA Max2TB
Power	12V DC/3A 5.5*2.5mm

Android  
 3 cores  
 AI  
 128G  
 SATA Max2TB  
 12V DC/3A 5.5\*2.5mm

AI 12 s922x Amlogic  
 CPU GPU,  
 4K HDR CPU  
 S922x CPU arm cortex-a73  
 dual core cortex-a53 Neon SIMD  
 Ave-10  
 4kx2k 75 (TVP)  
 MVC, MPEG-1/2/4, vc-1 /WMV, AVS, AVS , avs2 realvideo,  
 MJPEG, H.264, h265-10, VP9 JPEG  
 JPEG h.265/h.264 1080p, 75  
 4kx2k @ 60fp (3840 \* 2160) hdmi2.2 4K V  
 HDCP 2.2, DAC CVBS, Mipi  
 DSI 4 I/O TDM, PCM, I2S SPDIF  
 PDM (dmic) 8 DVP  
 2x2 WiFi (2.4G 5.8G) 4.1  
 Gigabit Ethernet

- o Amlogic ARM® Cortex™ A73 64 ARM® Cortex™ A53
- GPU ARM Mali-G52 MP4
- o HW UHD 4KH.265 75fps 10 1080p H.265/H.264 60fp sencoder
- o Dolby Vision HDR10, HDR10, HLG PRIME HDR
- o Cortex-M4 core
- o TrustZone DRM

o WIFI, BT, USB, SD, 雙通道攝像頭, 雙通道麥克風

o 雙通道音頻編碼器

Amlogic S922X 雙通道攝像頭/雙通道麥克風 Android 雙通道 OTT/IPTV Set Top Box (STB) 雙通道攝像頭/雙通道麥克風 CPU 雙通道攝像頭, 雙通道麥克風 GPU, 雙通道 CODEC 雙通道 4K 雙通道攝像頭 雙通道 HDR 雙通道攝像頭/雙通道麥克風 雙通道 AP 雙通道攝像頭

CPU 雙通道 Big 雙通道 CPU ARM Cortex-A73 雙通道 Quad-Core 雙通道 Cortex-A53 雙通道 Dual-Core 雙通道 L2 雙通道 CPU core 雙通道 NEON SIMD 雙通道

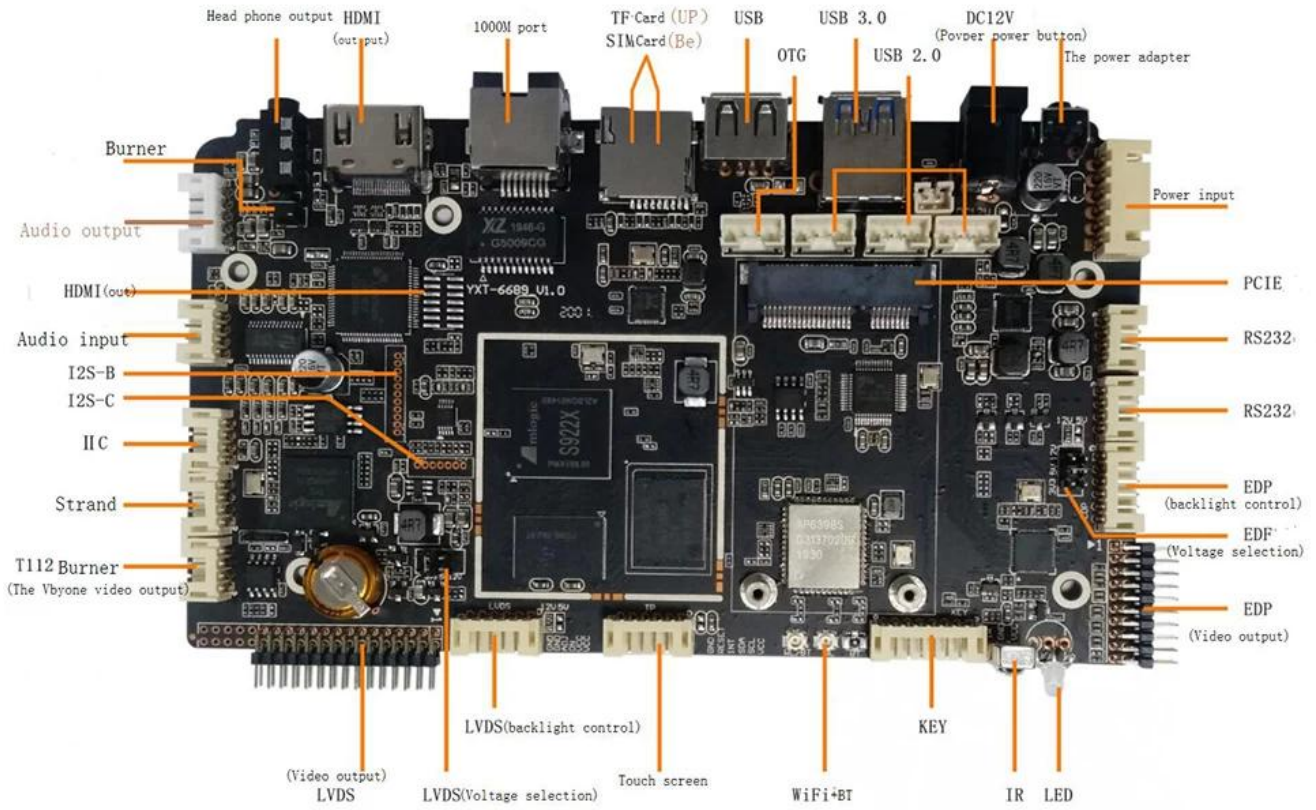
雙通道 GPU ARM Mali-G52 MP4 雙通道 OpenGL ES 3.2 Vulkan 1.0 雙通道 OpenCL 2.0 雙通道 2.5D 雙通道 CPU 雙通道 GPU 雙通道 HDR10, HDR10, HLG 雙通道 PRIME HDR 雙通道 Dolby Vision, 雙通道 REC709/BT2020, 雙通道, 雙通道 雙通道

Amlogic Video Engine (AVE-10) 雙通道 Cortex-A53 雙通道 CODEC 雙通道 AVE-10 雙通道 4Kx2K 雙通道 75fps 雙通道 Trusted Video Path (TVP) 雙通道 MVC, MPEG- 1/2/4, VC-1/WMV, AVS, AVS, AVS2 RealVideo, MJPEG 雙通道, H.264, H265-10, VP9 雙通道 JPEG 雙通道 H.265/H.264 雙通道 1080p 雙通道 60fps

Amlogic S922X 雙通道 / 雙通道 / 雙通道 HDMI2.1 雙通道 3D, Dynamic HDR, CEC 雙通道 HDCP 2.2, DAC 雙通道, 雙通道 CVBS, 雙通道 4 雙通道 MIPI DSI, 雙通道 TDM, PCM, 雙通道 I2S 雙通道 SPDIF, 雙通道 PDM (DMIC) 雙通道 8 雙通道 DVP

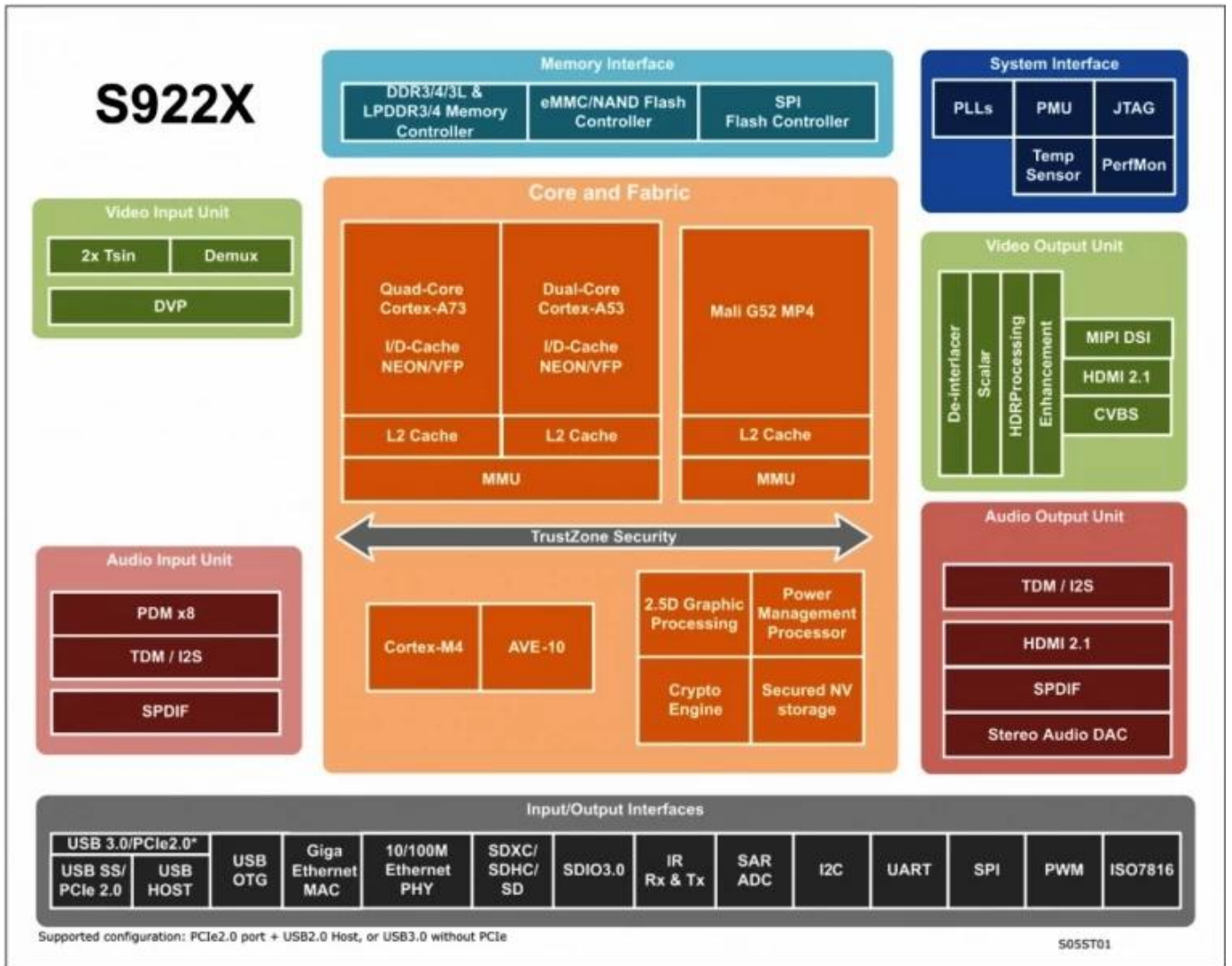
Amlogic S922X 雙通道 demuxcan 雙通道 雙通道

雙通道 Ethernet MAC 10/100/1000M 雙通道 RGMII, Ethernet PHY 10/100M, 雙通道 USB XHCI OTG 2.0 雙通道, USB3.0 雙通道 PCIe 雙通道









Amlogic S922X Quad Core Android 9.0

Amlogic S922X Quad Core Android 9.0 is a powerful and versatile SoC designed for a wide range of applications. It features a quad-core Cortex-A73 and dual-core Cortex-A53, providing high performance and low power consumption. The SoC is equipped with a Mali G52 MP4 GPU, supporting 4K Ultra HD video playback and HDR. It also includes a TrustZone security module for enhanced security and a Cortex-M4 microcontroller for system control. The S922X is highly configurable and supports various input/output interfaces, making it suitable for a variety of use cases.

**Key Features:** Amlogic S922X Quad Core Android 9.0 offers a range of features, including 4K Ultra HD video playback, HDR support, and a TrustZone security module. It is highly configurable and supports various input/output interfaces, making it suitable for a variety of use cases.

**Android 9.0:** Amlogic S922X Quad Core Android 9.0

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**4K Ultra HD HDR:** Amlogic S922X Quad Core Android 9.0

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Amlogic S922X Quad Core 9.0  
USB  
microSD  
Wi-Fi

Google Play Store Netflix, YouTube, Hulu  
Miracast AirPlay

Amlogic S922X Quad Core 9.0

Amlogic S922X Quad Core 9.0  
4K Ultra HD