

Amlogic S922X Android

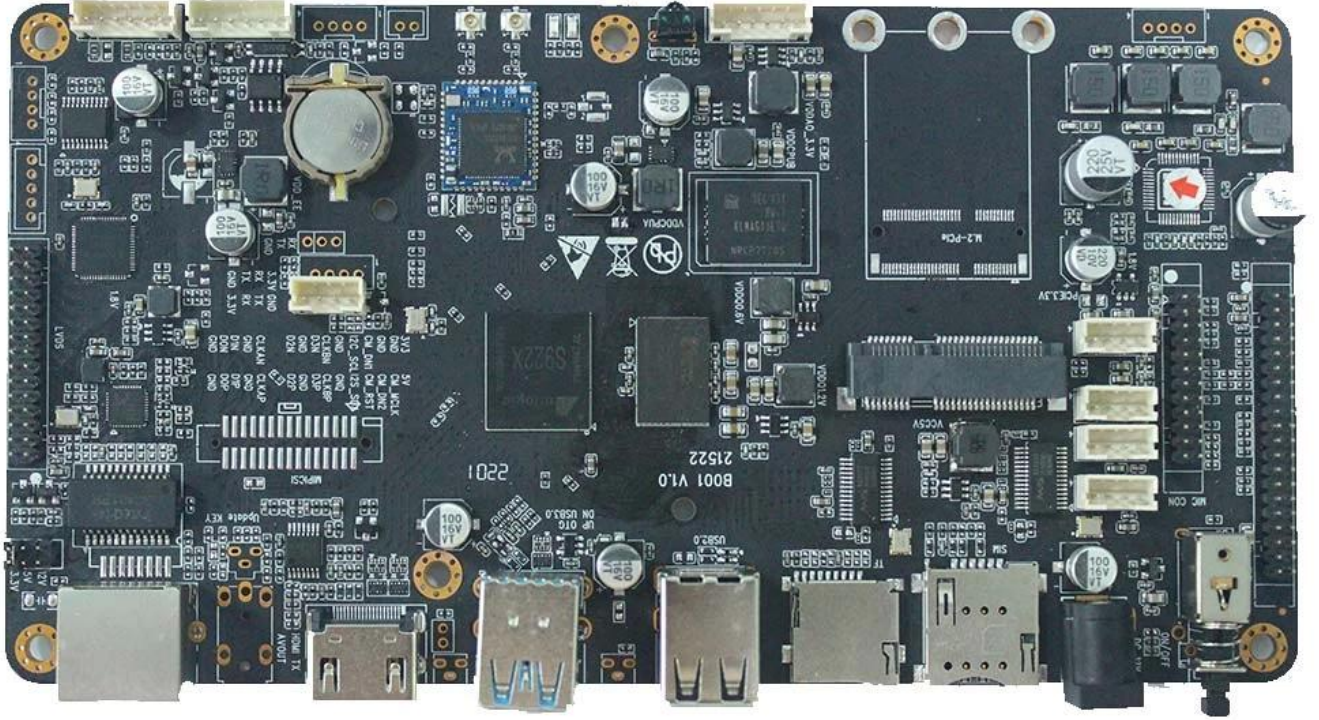
	Amlogic S922X Android
	Amlogic S922X ARM Cortex A73 ARM Cortex A53 1.98Ghz
	ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2 Vulkan 1.1 OpenCL 2.0
	DDR4 2GB/4GB
	16GB eMMC128GB
	9.0
	4K H265 10Bit H.264 AVS MPEG-2
	MPEG1 MPEG2 MPEG4 H.264 WMV MKV TS flv
	MP3 JPEG PNG BMP GIF
	1 LVDS 40 2.0mm 8bit 10bit
	1 HDMI
	1 AV
	x1 MIPI CSI
	4 2.5mm 25W@2 3W@2
	x1 10M/100M
	WiFi BT 2.4G 2.4G/5G
	PCIe 4G x1 M.2 4G x1
USB2.0	USB OTG x1
	USB x7
	x2 6 2.0
	x1 7 2.0mm LED
	x4
TF	x1
SIM	x1
	12V 2.5DC

S922X



Supported configuration: PCIe2.0 port + USB2.0 Host, or USB3.0 without PCIe

S055T01



2. 网络接口

- 支持WiFi 4G
- (3) 支持蓝牙
- 支持USB
- 支持以太网
- 支持SD卡

3. 处理器

CPU

- (1) ARM Cortex-A73 / ARM Cortex-A53 CPU
- (2) Neon / Crypto / ARMv8-A
- (3) 支持TrustZone
- (4) Cortex-M4
- (5) TrustZone
- (6) QoS

3D

- (1) ARM Mali-G52 MP4 (4ppc) GPU
- (2) 8x2x6x8 (EE)
- (3) OpenGL ES3.2 / Vulkan 1.0 / OpenCL 2.0

4. 视频接口

- (1) Amlogic (AVE) 支持4Kx2K@60fps 1x1080P@60fps
- (2) 支持“H.265” 4Kx2K@60fps
- (4) VP9 Profile-2 4Kx2K@60fps
- H.265 HEVCMP-10@L5.1 4Kx2K@60fps
- AVS2-P2 4Kx2K@60fps
- H.264 AVCHP@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 1080P@60fps
- MPEG-2 MP/HL 1080P@60fps(ISO-13818)
- MPEG-1MP/HLupto1080P@60fps(ISO-11172)
- RealVideo 8/9/10 1080P@60fps
- MJPEG / JPEG (ISO/IEC-10918)
- JPEG *.mkv *.wmv *.mpg *.mpeg *.dat *.avi *.mov *.iso *.mp4 *.rm *.jpg
- (5) H.265/H.264 1080P@60fps

5. 显示接口

- (1) HDMI 2.1 PHY CEC HDR HDCP 2.2 4Kx2K@60
- (2) CVBS 480i/576i
- (3) SD/HD/FHD 480i/p 576i/p 720p 1080i/p 4Kx2K
- (4) MIPI DSI 1920*1080

