

# 4K:

Android Amlogic S922X 4K

OS	Android Amlogic S922X 4K
Processor	Amlogic S922X Quad Core ARM Cortex A73 Dual Core ARM Cortex A53 1.98Ghz
GPU	ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2, Vulkan 1.1 OpenCL 2.0
RAM	DDR4 2GB/4GB
Storage	eMMC 16GB (expandable up to 128GB)
OS Version	Android 9.0

Video	4K H265 10Bit, H.264, AVS, MPEG-2
Audio	MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv
Image	MP3, JPG, JPEG, BMP, PNG, GIF

Display	1 x LVDS 40 pin 2.0, 8 pin, 10 pin; HDMI 1; AV 1
Camera	x1, MIPI
Power	25W@2 pin 4 pin 2.5, 3W@2
Network	x1, 10M/100M WIFIBT, 2.4G single band, 2.4G/5G dual band
USB	USB OTG x1 (host), x7
Audio	x2, 6 pin 2.0
Light	x1, 7 pin 2.0, LED
Buttons	x4
TF	x1
Other	x1
GPIO	

Power	12V, 2.5DC
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Android  
 3 pin  
 AI  
 Ave-10  
 4kx2k  
 75 pin  
 (TVP)

AI s922x Amlogic  
 CPU GPU,  
 4K HDR CPU  
 S922x CPU arm cortex-a73  
 dual core cortex-a53  
 Neon SIMD  
 Ave-10  
 4kx2k 75 pin  
 (TVP)

Codec: MVC, MPEG-1/2/4, vc-1 /WMV, AVS, AVS , avs2 realvideo, MJPEG, H.264, h265-10, VP9 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 4K.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,

o

Amlogic S922X Android OTT/IPTV Set Top Box (STB) CPU GPU, CODEC 4K HDR AP

CPU Big Quad-Core Cortex-A53 Dual-Core L2 CPU core NEON SIMD

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

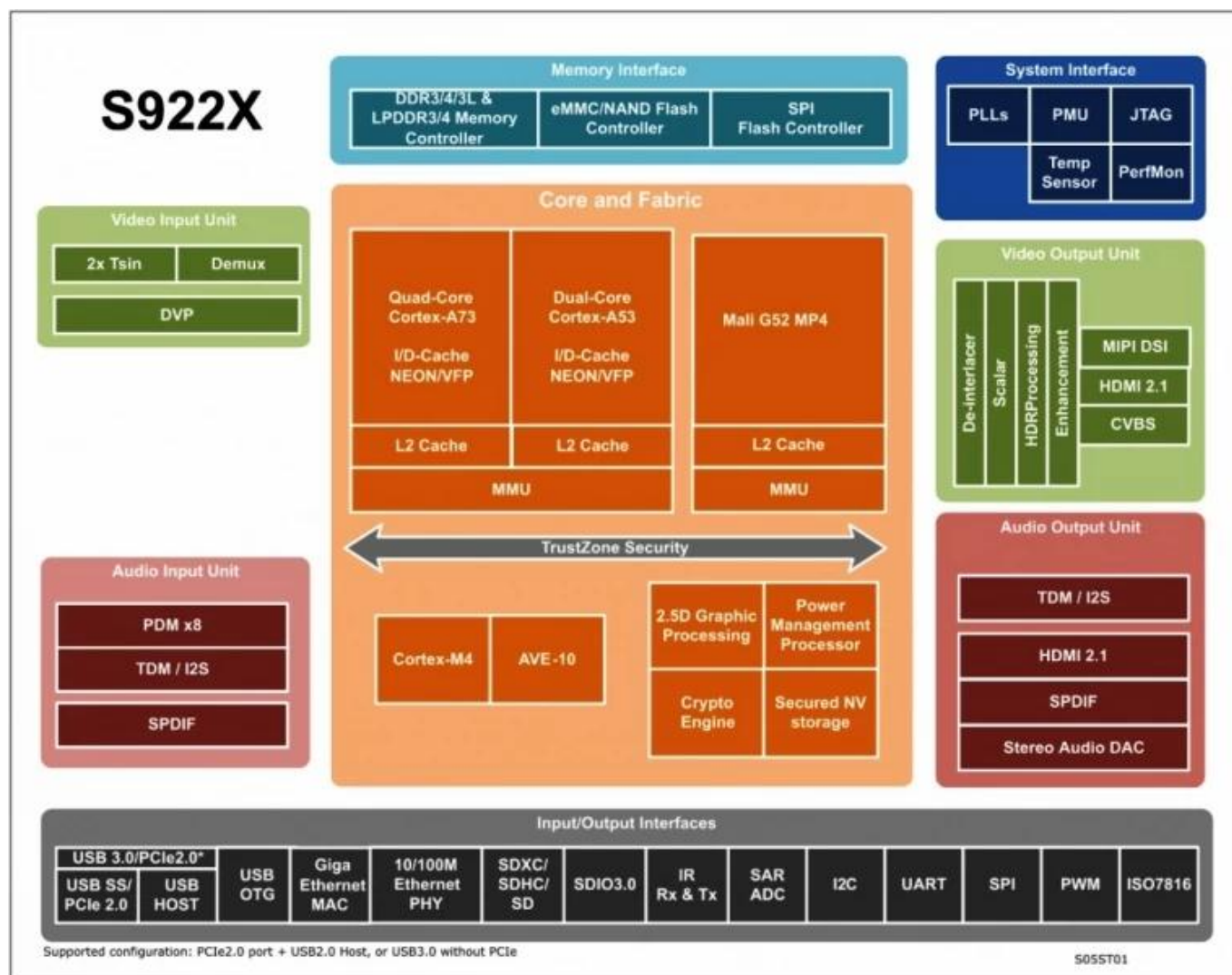
Amlogic Video Engine (AVE-10) Cortex-A53 CODEC

4Kx2K 75fps Trusted Video Path (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 60fps

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

Amlogic S922X demuxcan

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





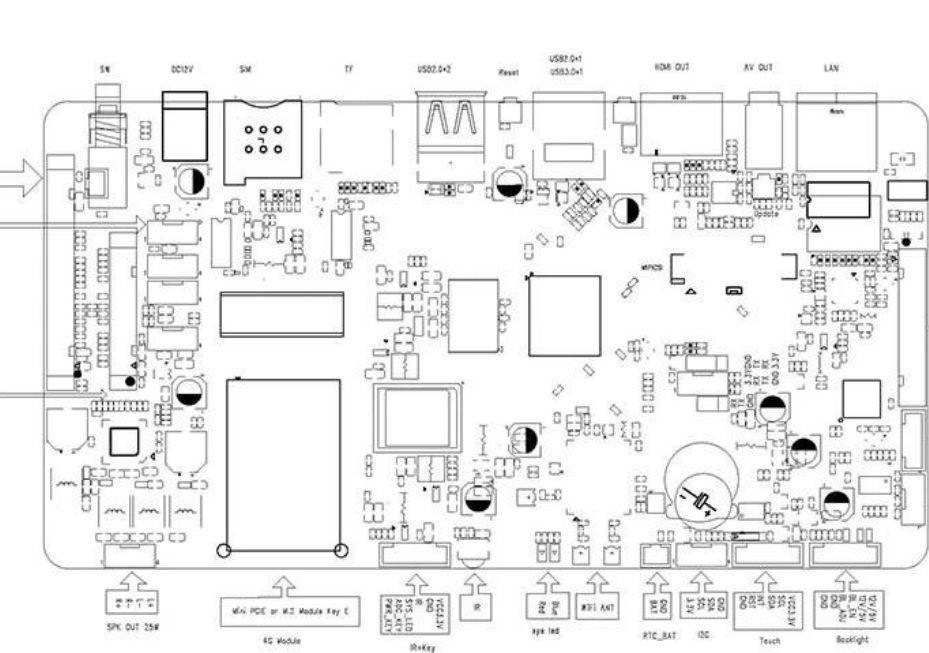
180mm

95mm

180mm\*95mm\*20mm

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LV95



- MIPI CSI 1
- AV 1
- 1 I2C
- I2SC/IS2B
- 25W 1 3W
- (2)
- WiFi 4G
- (3)
- U

MIPI CSI 1

- (1) Quad Core ARM Cortex-A73 Dual Core ARM Cortex-A53
- (2) ARMv8-A Neon Crypto
- (3) L2
- (4) Build-in Cortex-M4 core
- (5) TrustZone
- (6) QoS

- (1) GPU ARM Mali-G52 MP4 (4ppc)
- (2) 8, 2xdual, 6x8 (EE)
- (3)
- (4) OpenGL ES3.2, Vulkan 1.0 OpenCL 2.0

CODEC

- (1) Amlogic Video Engine (AVE)
- (2) 4Kx2K@60fps 1x1080P@60fps
- (3) "AV1"
- (4) VP9-2 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 JiZhun 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)
- \*.mkv,\*.wmv,\*.mpg,\*.mpeg,\*.dat,\*.avi,\*.mov,\*.iso,\*.mp4,\*.rm \*.jpg
- (5) H.265/H.264 1080P@60fps

MIPI CSI 1

- (1) HDMI 2.1 PHY CEC, Dynamic 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 4 1920 \* 1080

(7) Quad Core ARM Cortex-A73 Dual Core ARM Cortex-A53

(8) ARMv8-A Neon Crypto

(9) L2

(10) Cortex-M4

(11) TrustZone

(12) QoS

3

(5) GPU ARM Mali-G52 MP4 (4ppc)

(6) 8, 2xdual, 6x8 (EE)

(7)

(8) OpenGL ES3.2, Vulkan 1.0 OpenCL 2.0

CODEC

(6) Amlogic Video Engine (AVE)

(7) 4Kx2K@60fps1x1080P@60fps

(8) "H.265" H.265

(9)

VP9-2 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 JiZhun 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

(10)

JPEG H.265/H.264

JPEG

H.265/H.264 1080P@60fps

(5) HDMI 2.1 PHY CEC, Dynamic HDR HDCP 2.2,

4Kx2K@60

(6) CVBS 480i/576i

(7) SD/HD/FHD : 480i/p, 576i/p, 720p, 1080i/p 4Kx2K

(8) MIPI DSI 4 1920\*1080

Ultra HD 4K

Octa-Core Amlogic S922X



Android TV Box 4K 2024 年最新款，搭载 Amlogic S922X Octa-Core Ultra HD 4K 处理器，支持 Wi-Fi, HDMI, USB 接口，提供流畅的观影体验。这款 Android TV 盒子是您家庭娱乐的最佳选择。

这款 Android TV Box 4K 支持 4K 超高清分辨率，让您享受更清晰、更细腻的画面。无论是观看体育赛事还是高清电影，都能带来极致的视觉享受。

这款 Android TV Box 4K 支持多种主流流媒体平台，如 Netflix, YouTube 等，让您随时随地享受精彩内容。此外，它还支持 HDMI, USB 接口，方便您连接各种外设。

- Crystal-Clear 4K:** 这款 Android TV Box 4K 支持 4K 超高清分辨率，让您享受更清晰、更细腻的画面。无论是观看体育赛事还是高清电影，都能带来极致的视觉享受。
- 支持多种流媒体平台:** 这款 Android TV Box 4K 支持多种主流流媒体平台，如 Netflix, YouTube 等，让您随时随地享受精彩内容。此外，它还支持 HDMI, USB 接口，方便您连接各种外设。
- Android TV Box:** 这款 Android TV Box 4K 支持多种主流流媒体平台，如 Netflix, YouTube 等，让您随时随地享受精彩内容。此外，它还支持 HDMI, USB 接口，方便您连接各种外设。
- 支持多种接口:** 这款 Android TV Box 4K 支持多种主流流媒体平台，如 Netflix, YouTube 等，让您随时随地享受精彩内容。此外，它还支持 HDMI, USB 接口，方便您连接各种外设。

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