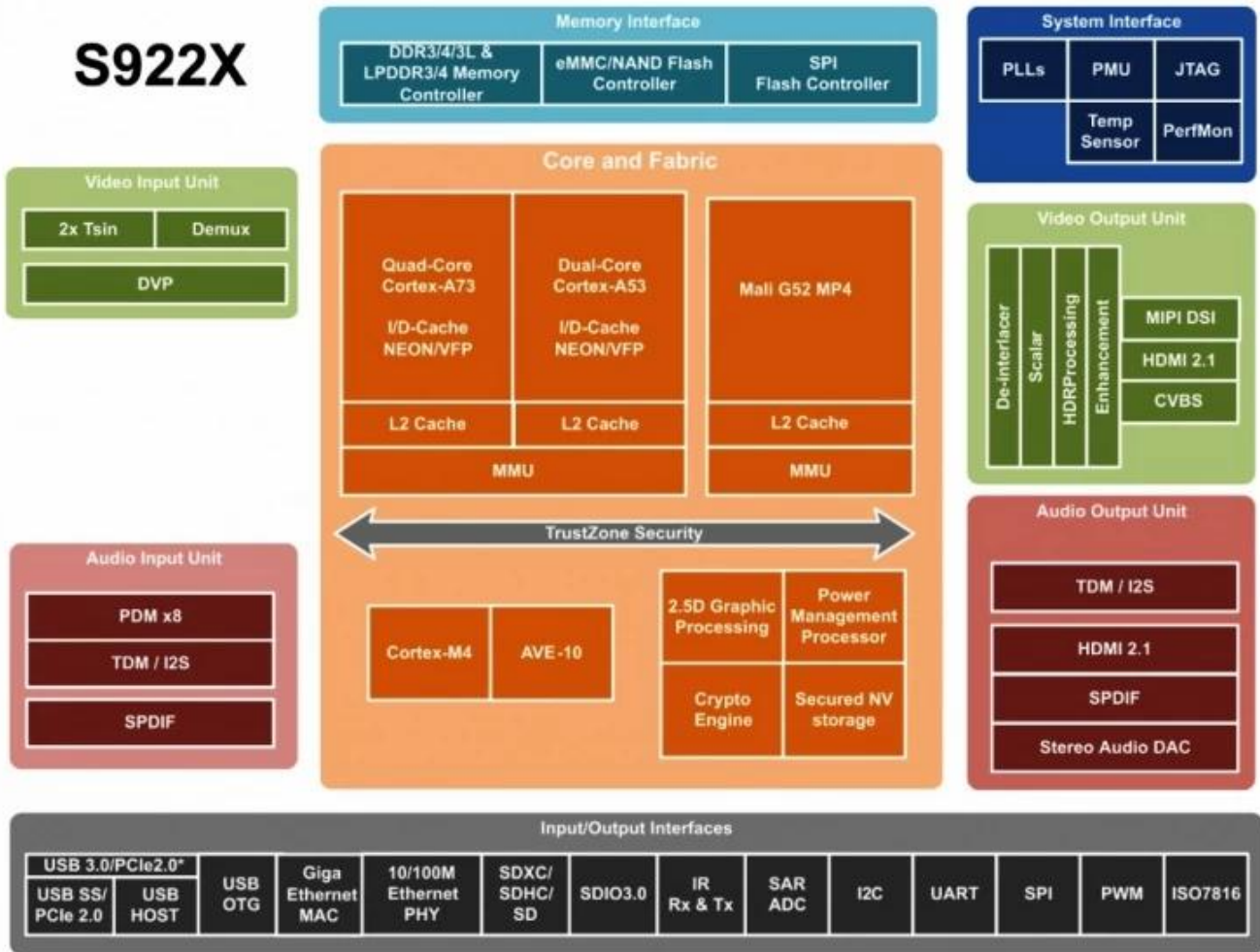


# Android

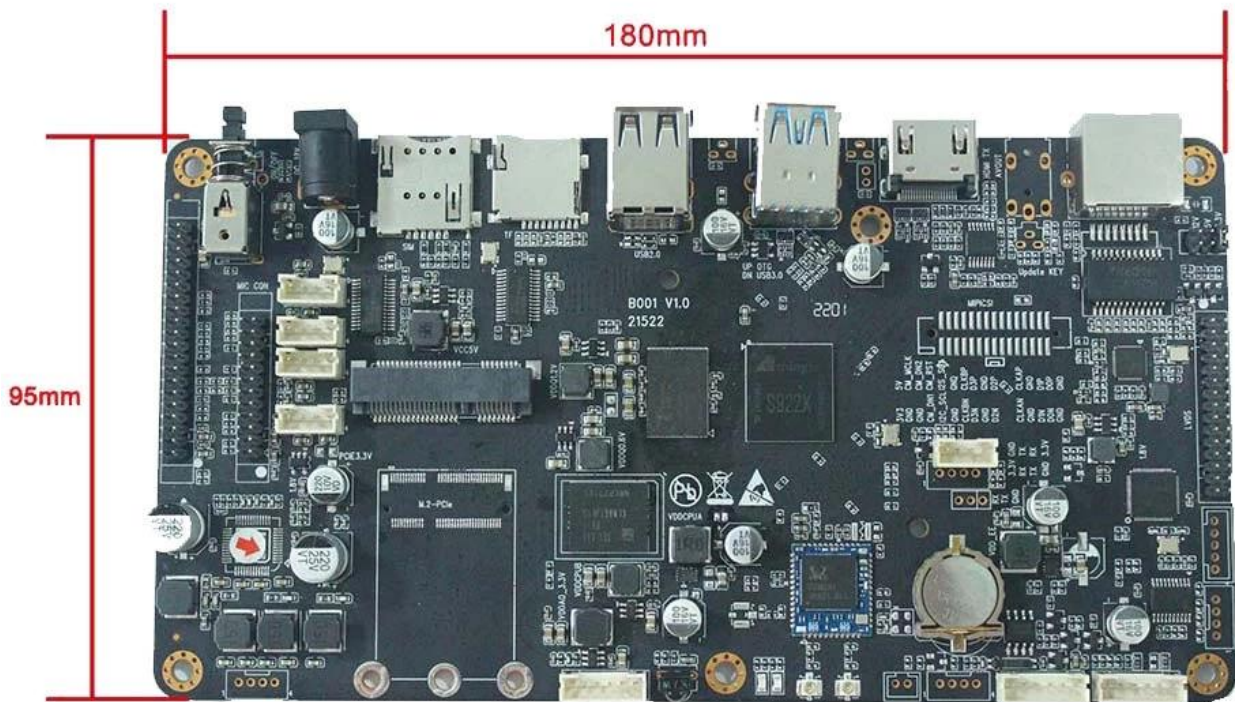
<b>Android</b>	
<b>Processor</b>	Android Amlogic A311D Amlogic A311D Quad Core ARM Cortex A73 Dual Core ARM Cortex A53 1.98Ghz ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2, Vulkan 1.1 OpenCL 2.0
<b>Memory</b>	DDR4 2GB/4GB eMMC 16GB (Optional 128GB)
<b>OS</b>	Android 9.0
<b>Display</b>	
<b>Resolution</b>	4K H265 10Bit, H.264, AVS, MPEG-2
<b>Formats</b>	MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv MP3, JPG, JPEG, BMP, PNG, GIF
<b>Connectivity</b>	
<b>Video Output</b>	1 x LVDS 40 pins 2.0 HDMI 1 AV 1
<b>Camera</b>	x1, MIPI
<b>Power</b>	25W@2 pins 4 pins 2.5 3W@2
<b>Storage</b>	x1, 10M/100M WIFI BT, 2.4G single band 2.4G/5G dual band PCIE (4G) x1 M.2 (4G) x1
<b>USB</b>	USB OTG x1 (Optional) x7
<b>Audio</b>	x2, 6 pins 2.0 x1, 7 pins 2.0 LED
<b>Buttons</b>	x4
<b>Expansion</b>	x1 TF x1
<b>Power Input</b>	12V, 2.5DC

# S922X



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

S055T01

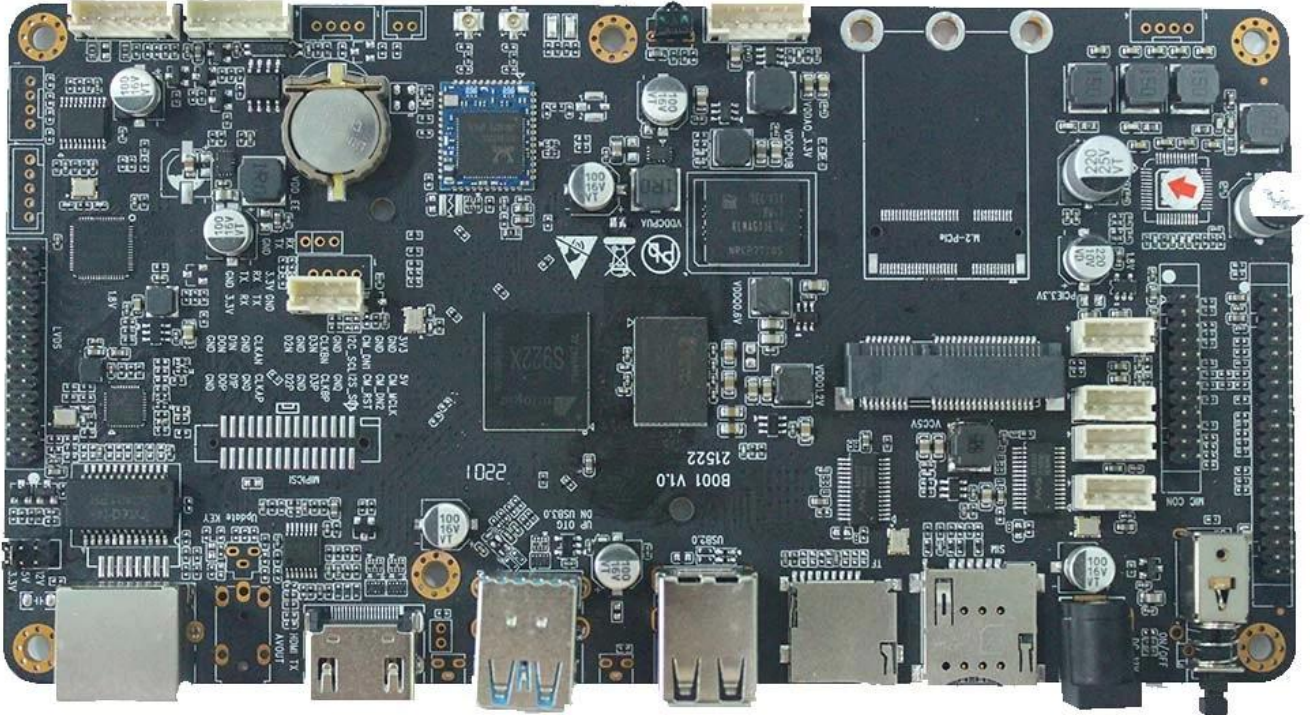


180mm

95mm

180mm\*95mm\*20mm





Amlogic A311D Android Development Board - LCD  
 Amlogic A311D 12nm UHD 4K @ 60fps  
 H.265 10, H.264 AVS  
 HDR10 HLG  
 UART USB Bluetooth, WIFI, 4G  
 AV, SD  
 3  
 AI

- (1)
- LVDS 1 (40)
  - HDMI 1
  - USB2.0 5
  - 4 RS232 (USB2.0)
  - MIPI CSI 1
  - AV 1
  - 1 I2C

- I2SC/IS2B

- 25W 1 3W
- (2)
- , WiFi 4G
- (3)
- 
- U
- 

- (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, 2x dual, 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) " "
- (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)

JPEG

\*.mkv,\*.wmv,\*.mpg, \*.mpeg, \*.dat, \*.avi,\*.mov, \*.iso,\*.mp4, \*.rm \*.jpg

- (5)

JPEG H.265/H.264

JPEG

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

- (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



Amlogic A311D

**4K Ultra HD:**

4K Ultra HD

:

Android TV Box

Amlogic A311D

:

Android TV Box

**Wi-Fi**

Wi-Fi

:

Bluetooth

:

:

Android TV Box

:

Amlogic A311D [Android](#)

[TV](#)

Android TV Box