

# IPTV Amlogic A311D

<p>Amlogic A311D Quad Core ARM Cortex A73 Dual Core ARM Cortex A53 1.98Ghz          ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2, OpenCL 1.1 OpenCL 2.0          DDR4 2GB/4GB          eMMC 16GB (128GB)          9.0</p>	
<p>4K H265 10Bit, H.264, AVS, MPEG-2</p>	
<p>MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv          MP3, JPG, JPEG, BMP, PNG, GIF</p>	
<p>1 LVDS 40-pin 2.0mm double-pin 8bit, 10bit;          HDMI 1          AV 1</p>	
<p>x1, MIPI          25W@2 4 2.5 3W@2          x1, 10M/100M          WIFIBT, 2.4G single band 2.4G/5G dual band          PCIE (4G) x1 M.2 (4G) x1</p>	
<p>USB OTG x1 (USB2.0)          x7</p>	
<p>x2, 6 2.0          x1, 7 2.0 LED          x4</p>	
<p>TF          x1</p>	
<p>x1</p>	
<p>12V, 2.5DC</p>	

# S922X



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

S055T01

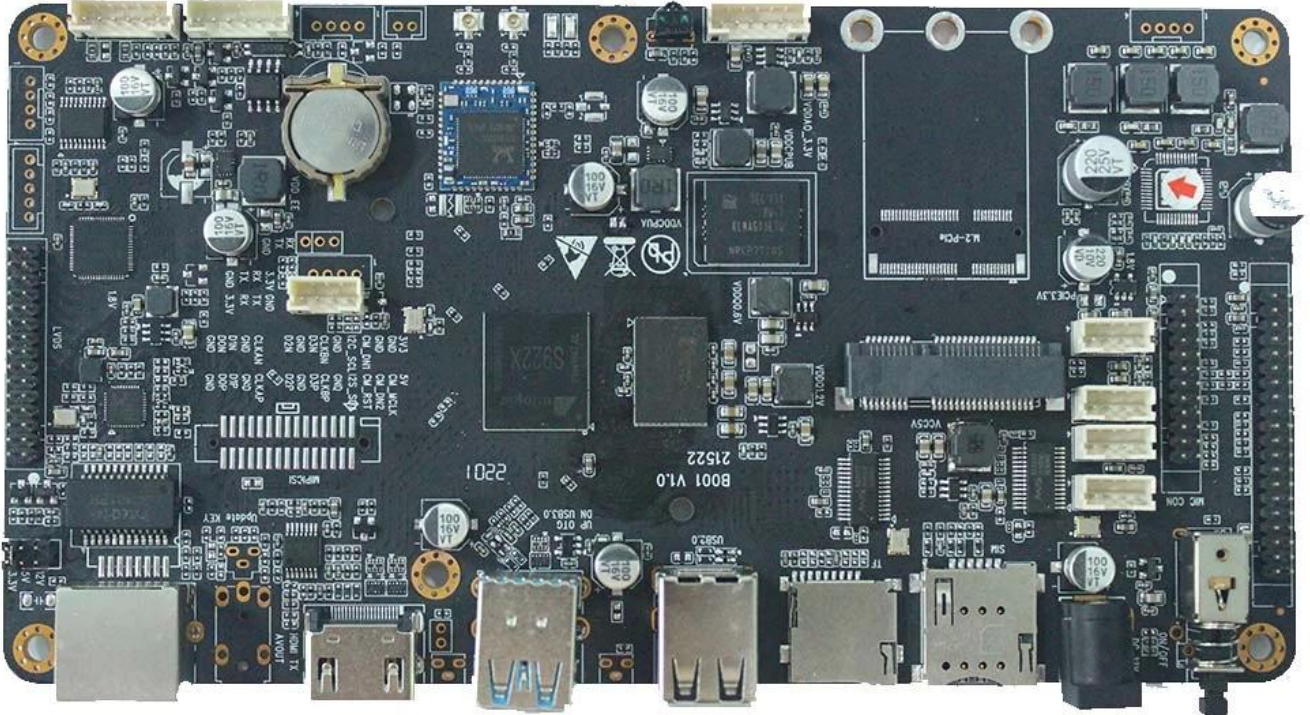


180mm

95mm

180mm\*95mm\*20mm





Amlogic S922X Android Development Board - LCD  
 Amlogic S922X 12nm UHD 4K @ 60fps  
 H.265 10, H.264 AVS HDR10 HLG  
 UART USB 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, 2x2dual, 6x8 (EE)
- (3)
- (4) OpenGL ES3.2, Vulkan 1.0 OpenCL 2.0

CODEC

- (1) Amlogic Video Engine (AVE)
- (2) 4Kx2K@60fps1x1080P@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

Processor

- (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

GPU

- (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) " "
- (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) H.265/H.264 1080P@60fps

Display

- (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

**IPTV Amlogic A311D**

IPTV  
**Amlogic A311D**  
 8K Ultra HD IPTV Amlogic A311D

**8K Ultra HD**

**AI** 8K AI  
AI  
AI

**Android 9** IPTV  
**Google Play** Netflix, YouTube IPTV Android  
**Android 9**  
Android 9  
Android 9

**4GB** IPTV Amlogic A311D  
4GB  
64GB  
SD

**6-**  
6-  
8K  
**Bluetooth**  
Bluetooth

**HDMI**  
USB

IPTV  
IPTV

**IPTV Amlogic A311D**  
IPTV Amlogic A311D  
8K  
Ultra HD, AI, Wi-Fi 6  
Android 9  
IPTV  
A311D