

Amlogic A311D Octa Core

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

S922X



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

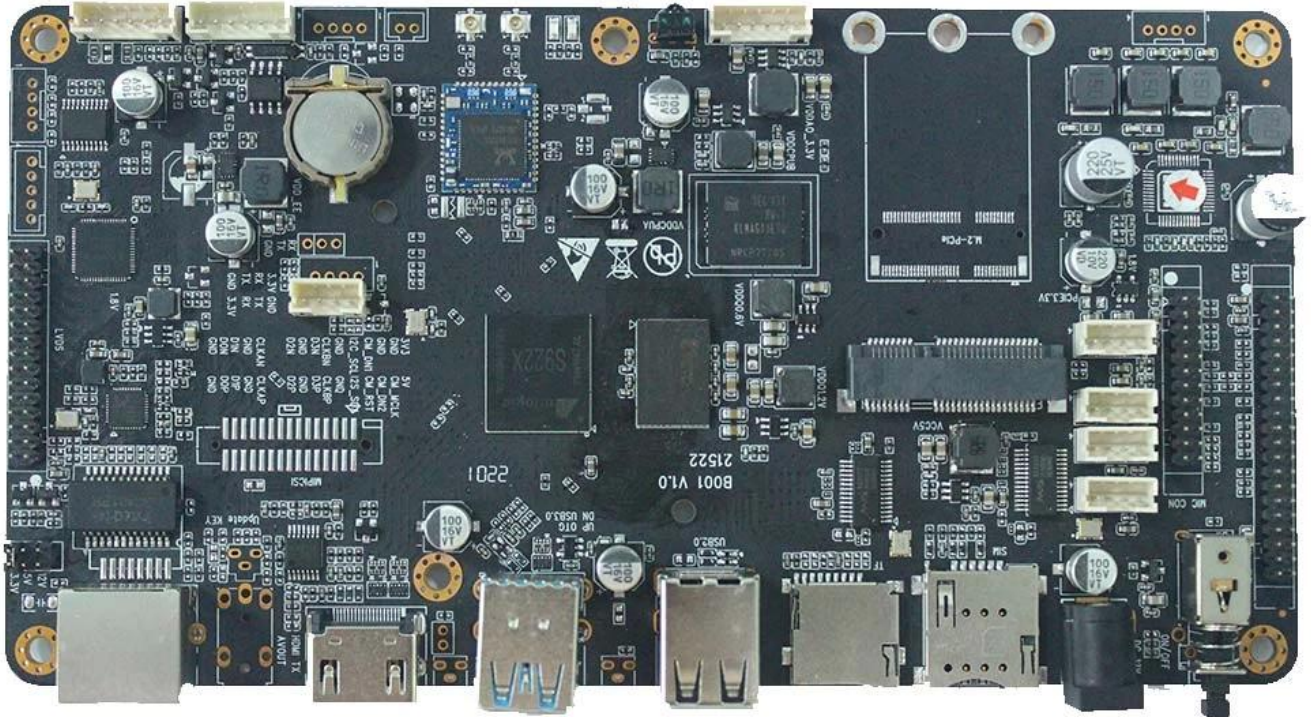
S055T01



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, 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

Smart TV Box 8K AI

Smart TV Box 8K AI
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Smart TV Box 8K AI

Android

9 Google Play
Netflix, YouTube Amazon Prime
Android 9

4GB

64GB

SD

6

8K

Bluetooth

Bluetooth

HDMI

USB

Android 9

Smart TV Box Amlogic A311D Octa Core

8K, AI, Wi-Fi 6 Android 9

Smart TV Box