

Amlogic A311D IPTV 模组 规格

模组	
模组名称	Amlogic A311D IPTV 模组
CPU	Amlogic A311D 双核 ARM Cortex A73 四核 ARM Cortex A53 1.98Ghz
GPU	ARM Mali-G52 MP4(6EE) OpenGL ES 3.2, Vulkan 1.1 支持 OpenCL 2.0
内存	DDR4 2GB/4GB
存储	16GB eMMC(128GB 闪存 可选)
OS	Android 9.0
视频&音频 支持	
视频 支持	4K H265 10Bit, H.264, AVS, MPEG-2 支持 硬解码 支持
音频 支持	MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv 支持 硬解码 支持 硬解码. MP3 支持 硬解码 支持 硬解码. JPG, JPEG, BMP, PNG, GIF 支持 硬解码 支持 硬解码
接口	
视频 接口	1路 LVDS 40pin 2.0mm 接口, 8pin, 10pin 接口 支持;
	1路 HDMI 接口;
	1路 AV 接口
摄像头 接口	x1, MIPI CSI
摄像头 接口	4pin 2.5mm 接口 25W@2 接口 3W@2 接口
摄像头 接口	x1, 10M/100M 接口
摄像头 接口	WiFiBT, 2.4G 接口 支持 支持 2.4G/5G 接口 支持 支持
摄像头 接口	支持 PCIE 接口(4G) x1 支持 M.2 接口(4G) x1
USB2.0 接口	USB OTG x1(支持 支持)
摄像头 接口	USB 接口 x7
摄像头 接口	x2, 6pin 2.0mm 接口
摄像头 接口	x1, 7pin 2.0mm 接口, 接口 支持 LED 接口 支持 支持
摄像头 接口	接口 支持 x4
TF 接口	x1
SIM 接口	x1
RTC	接口 支持 支持
电源	
电源 接口	12V, 2.5DC 接口

S922X



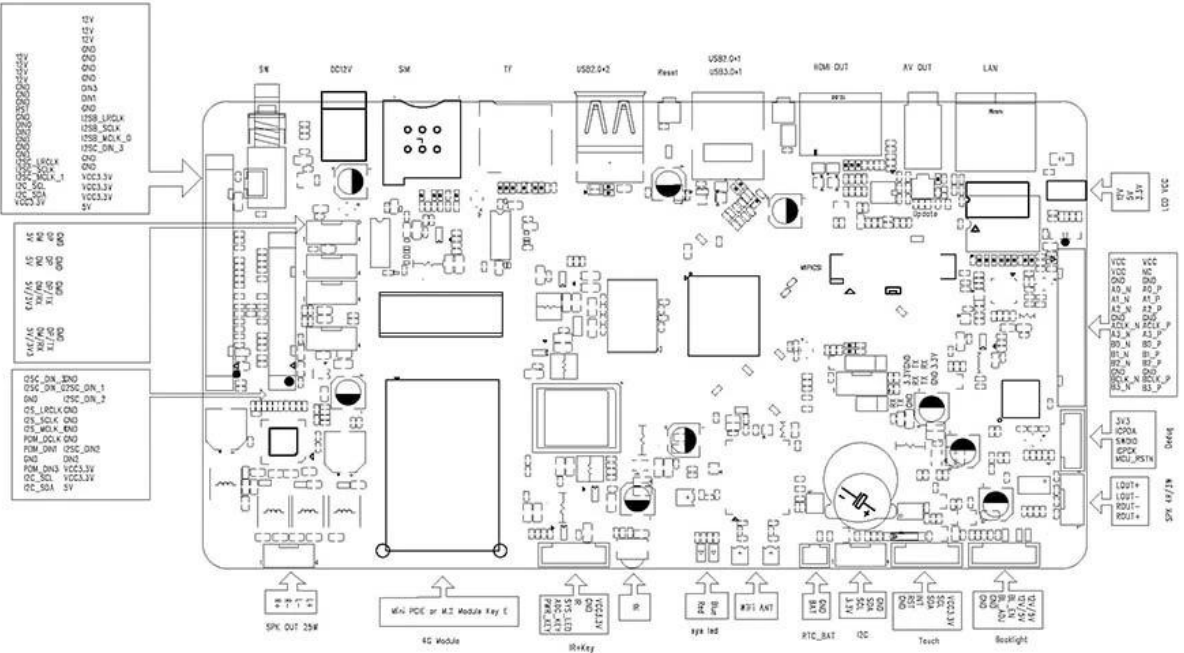
Supported configuration: PCIe2.0 port + USB2.0 Host, or USB3.0 without PCIe

S055T01

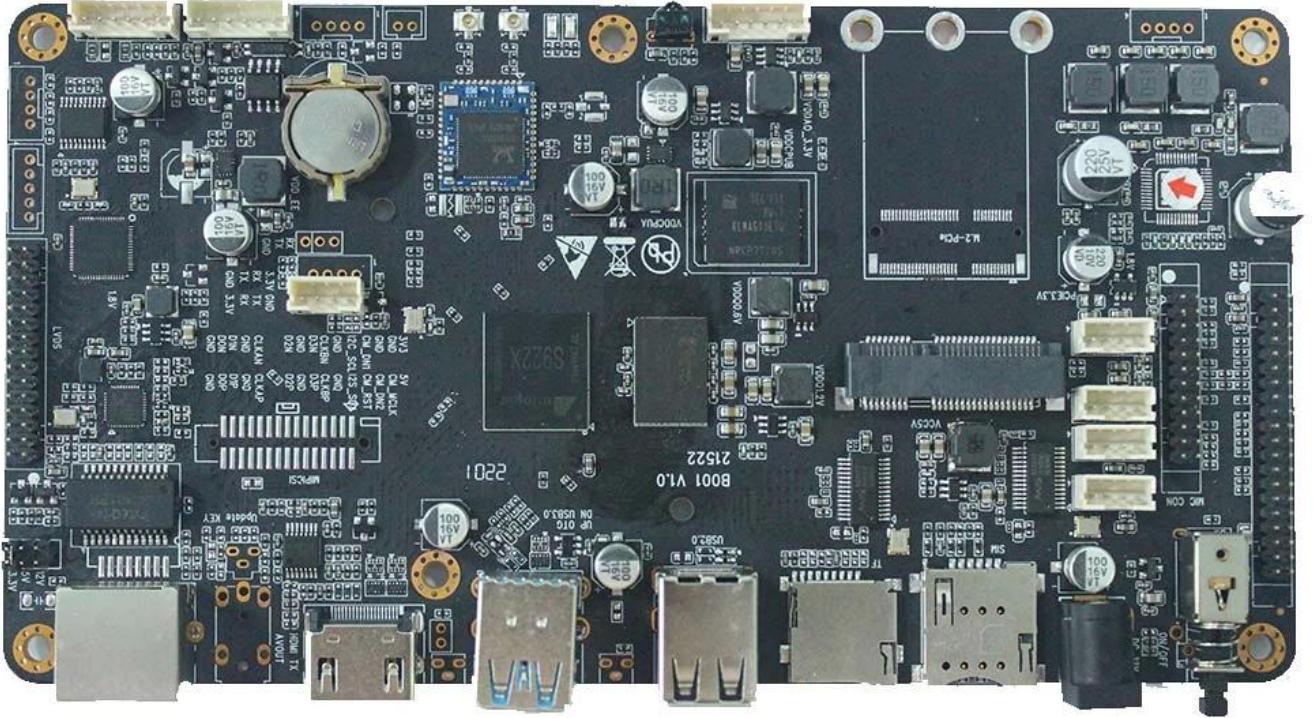


180mm*95mm*20mm

21358-10-00 1472802



LVDS



Amlogic S922X Android TV board features Amlogic S922X 12nm processor, supporting UHD 4K@60fps video playback. It includes Amlogic S922X 12nm processor, supporting H.265 10bit, H.264, AVS video decoding. It also features UART, USB, HDR10, HLG, AV, SD, WiFi, 4G, AI, and other advanced features.

- (1) Video Output
 - 1x LVDS (40pin)
 - 1x HDMI
 - 5x USB2.0
 - 4x RS232 (USB2.0 pin)
 - 1x MIPI CSI
 - 1x AV
 - 1x I2C
 - I2SC/IS2B
 - 1x 25W Power

- (2) Network and Storage
 - WiFi, 4G, SD, AI, etc.

- (3) Other Features

- 1000 1000 1000
- 1000 1000 1000 1000
- U 1000 1000 1000 1000
- 1000 1000, 1000 1000, 1000 1000 1000 1000

1000

CPU 1000 1000

- (1) 1000 1000 ARM Cortex-A73 1000 1000 ARM Cortex-A53 CPU
- (2) Neon 1000 Crypto 1000 1000 ARMv8-A 1000
- (3) 1000 1000 L2 1000
- (4) 1000 1000 1000 Cortex-M4 1000
- (5) 1000 TrustZone 1000 1000
- (6) 1000 QoS 1000 1000 1000 1000 1000 1000

3D 1000 1000

- (1) ARM Mali-G52 MP4(4ppc) GPU
- (2) 800 1000, 2x1000 1000 1000, 6x800 1000 1000(EE)
- (3) 1000 1000 1000
- (4) OpenGL ES3.2, Vulkan 1.0 1000 OpenCL 2.0 1000

1000/1000 1000

- (1) 1000 1000 1000 1000 Amlogic Video Engine(AVE)
- (2) 1000 4Kx2K@60fps1x1080P@60fps 1000 1000 1000 1000
- (3) 1000 "1000" 1000 1000 1000 1000 1000 1000
- (4) 1000/1000 1000

VP9 1000-2 1000 4Kx2K@60fps
 H.265 HEVCMP-10@L5.1 1000 4Kx2K@60fps
 AVS2-P2 1000 1000 4Kx2K@60fps
 H.264 AVCHP@L5.1 1000 4Kx2K@30fps
 H.264 MVC 1000 1080P@60fps
 MPEG-4 ASP@L5 1000 1080P@60fps(ISO-14496)
 WMV/VC-1 SP/MP/AP 1000 1080P@60fps
 AVS-P16(AVS) /AVS-P2 JiZhun 1000 1000 1080P@60fps
 MPEG-2 MP/HL 1000 1080P@60fps(ISO-13818)
 MPEG-1MP/HLupto1080P@60fps(ISO-11172)
 RealVideo 8/9/10 1000 1080P@60fps
 1000 1000 1000 1000 1000 1000
 MJPEG 1000 JPEG 1000 1000 1000(ISO/IEC-10918)
 JPEG 1000, 1000 1000, 1000 1000 1000 1000
 .mkv,.wmv,*.mpg, *.mpeg, *.dat, *.avi,*.mov, *.iso,*.mp4, *.rm 1000*.jpg 1000 1000

- (5) 1000/1000 1000
 1000/1000 1000 1000 1000 JPEG 1000 H.265/H.264 1000
 JPEG 1000 1000
 1000 1000 1000 1080P@60fps 1000 H.265/H.264 1000 1000

1000 1000

- (1) CEC, Dynamic HDR 1000 HDCP 2.2, 4Kx2K@60 1000 1000 1000 1000 PHY 1000 1000 1000 HDMI 2.1 1000
- (2) CVBS 480i/576i 1000 1000 1000
- (3) 1000 1000 SD/HD/FHD 1000 1000 1000: 480i/p, 576i/p, 720p, 1080i/p 1000 4Kx2K
- (4) 4000 MIPI DSI 1000, 1000 1000 1000 1000 1920*1080 1000

1000 1000

CPU 1000 1000

- (7) 1000 1000 ARM Cortex-A73 1000 1000 ARM Cortex-A53 CPU
- (8) Neon 1000 Crypto 1000 1000 ARMv8-A 1000
- (9) 1000 1000 L2 1000
- (10) 1000 1000 1000 Cortex-M4 1000

- (11) TrustZone
- (12) QoS

- 3D
- (5) ARM Mali-G52 MP4(4ppc) GPU
- (6) 8, 2x, 6x8 (EE)
- (7)
- (8) OpenGL ES3.2, Vulkan 1.0, OpenCL 2.0

- (6) Amlogic Video Engine(AVE)
- (7) 4Kx2K@60fps, 1x1080P@60fps
- (8) "H.265" HEVCMP-10@L5.1, 4Kx2K@60fps
- (9) VP9, H.265 HEVCMP-10@L5.1, AVS2-P2, H.264 AVCHP@L5.1, H.264 MVC, MPEG-4 ASP@L5, WMV/VC-1, AVS-P16(AVS) /AVS-P2 JiZhun, MPEG-2 MP/HL, MPEG-1MP/HL, RealVideo 8/9/10, MJPEG, JPEG, *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm, *.jpg

- (10) JPEG, H.265/H.264, 1080P@60fps, H.265/H.264

- (5) CEC, Dynamic HDR, HDCP 2.2, 4Kx2K@60, PHY, HDMI 2.1
- (6) CVBS 480i/576i
- (7) SD/HD/FHD, 480i/p, 576i/p, 720p, 1080i/p, 4Kx2K
- (8) 4x MIPI DSI, 1920*1080

Amlogic A311D IPTV CPU, 8K Ultra HD, IPTV, Amlogic A311D

8K Ultra HD, AI

9 OS, IPTV, Netflix, YouTube, IPTV, Android, 9

4GB RAM, Amlogic A311D IPTV, 64GB, SD

Wi-Fi 6. Bluetooth, 8K

HDMI USB

IPTV TV

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