

Android 11 Android 10

OS	Android 11
Processor	Amlogic A311D Android 11
GPU	ARM Cortex A73 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	16GB eMMC 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 MP3 MP3 AAC MP3 AAC MP3 AAC MP3 AAC MP3 AAC MP3 AAC
Display	1x LVDS 40pin 2.0mm 8bit 10bit 1x HDMI 1x AV
Camera	1x MIPI CSI
Power	4x 2.5mm 25W @ 2.0mm 3W @ 2.0mm
Connectivity	1x 10M/100M Ethernet WiFi BT 2.4G 2.4G/5G PCIe 4G x1 M.2 4G x1
USB	USB OTG x1 USB x7
Buttons	2x 6pin 2.0mm
Light	1x 7pin 2.0mm LED
Buttons	x4
TF	x1
SIM	x1
Buttons	
Power	12V 2.5DC

S922X



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

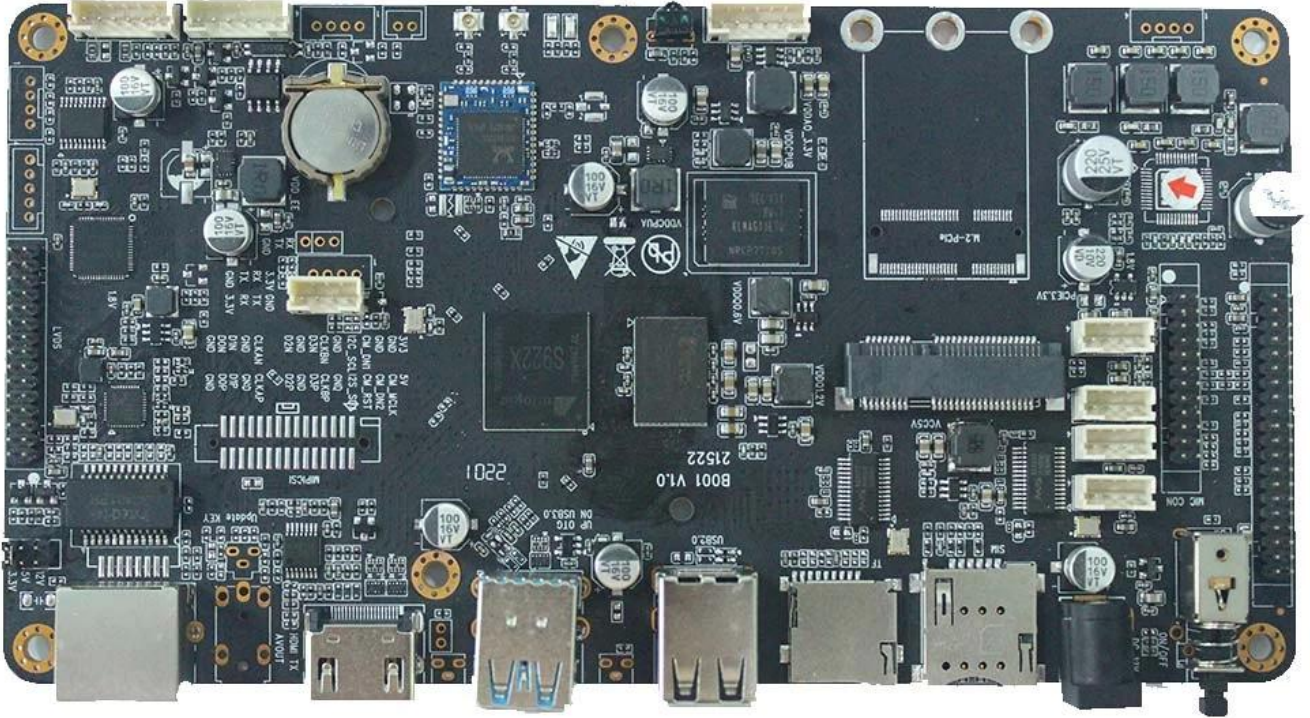
S055T01



180mm

95mm

180mm*95mm*20mm



Amlogic A311D Android TV Box - LCD - Amlogic A311D 12nm UHD 4K@60fps H.265 10-bit H.264 AVS HDR10 HLG UART USB WiFi 4G AV SD 3D AI

- (1)
 - 1 LVDS 40pins
 - 1 HDMI
 - 5 USB2.0
 - 4 RS232 USB2.0
 - 1 MIPI CSI
 - 1 AV
 - 1 I2C
 - I2SC/IS2B
 - 1 25W 3W
- (2)
- WiFi 4G
- (3)

- 000000
- 000000000000
- 000000000000
- 000000000000000000

0000

CPU000

- (1) 00 ARM Cortex-A73 000 ARM Cortex-A53 CPU
- (2) 00 Neon 0 Crypto 000 ARMv8-A 00
- (3)00000000
- (4) 00 Cortex-M4 0000000000
- (5) 000TrustZone0000
- (6) 000000 QoS 0000000000000000

3D000000

- (1) 0 ARM Mali-G52 MP4 (4ppc) GPU
- (2) 8 00002x 0000006x8 000000(EE)
- (3)000000
- (4) OpenGL ES3.200Vulkan 1.0 0 OpenCL 2.0 00

00/000000

- (1) Amlogic 0000 (AVE) 00000000000000
- (2) 00004Kx2K@60fps1x1080P@60fps00000000
- (3) 0000“00”0000000000000000
- (4)00/0000

VP9 Profile-2 00 4Kx2K@60fps

H.265 HEVCMP-10@L5.100 4Kx2K@60fps

AVS2-P2 000000 4Kx2K@60fps

H.264 AVCHP@L5.1 00 4Kx2K@30fps

H.264 MVC 00 1080P@60fps

MPEG-4 ASP@L5 00 1080P@60fps (ISO-14496)

WMV/VC-1 SP/MP/AP 00 1080P@60fps

AVS-P16(AVS) /AVS-P2 000000001080P@60fps

MPEG-2 MP/HL 00 1080P@60fps(ISO-13818)

MPEG-1MP/HLupto1080P@60fps(ISO-11172)

RealVideo 8/9/10 00 1080P@60fps

00000000000000

MJPEG 0 JPEG 0000000000(ISO/IEC-10918)

00JPEG0000000000000000

00*.mkv00*.wmv00*.mpg00*.mpeg00*.dat00*.avi00*.mov00*.iso00*.mp400*.rm 00*.jpg 0000

(5) 00/0000

000 JPEG 0 H.265/H.264 000000000000/000

JPEG0000

H.265/H.264 000000 1080P@60fps0000

0000

- (1) 00 HDMI 2.1 000000000000 PHY000 CEC000 HDR 0 HDCP 2.2004Kx2K@60 00000000
- (2) CVBS 480i/576i0000
- (3) 000000 SD/HD/FHD 00000000480i/p00576i/p00720p001080i/p 0 4Kx2K
- (4) 40MIPI DSI00000000001920*10800000000000

0000

CPU000

- (7) 00 ARM Cortex-A73 000 ARM Cortex-A53 CPU
- (8) 00 Neon 0 Crypto 000 ARMv8-A 00
- (9)00000000
- (10) 00 Cortex-M4 000000000000

- (11) TrustZone
- (12) QoS

- 3D
- (5) ARM Mali-G52 MP4 (4ppc) GPU
- (6) 8x2x6x8 (EE)
- (7)
- (8) OpenGL ES3.2 Vulkan 1.0 OpenCL 2.0

- (6) Amlogic (AVE)
- (7) 4Kx2K@60fps 1x1080P@60fps
- (8) “”
- (9) VP9 Profile-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 1080P@60fps
- MPEG-2 MP/HL 1080P@60fps(ISO-13818)
- MPEG-1MP/HL upto 1080P@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
- (10) JPEG H.265/H.264
- JPEG
- H.265/H.264 1080P@60fps

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

Android Android Android

1. 4K 4K
2. Wi-Fi
3. Netflix Amazon Prime Video Hulu Google Play

