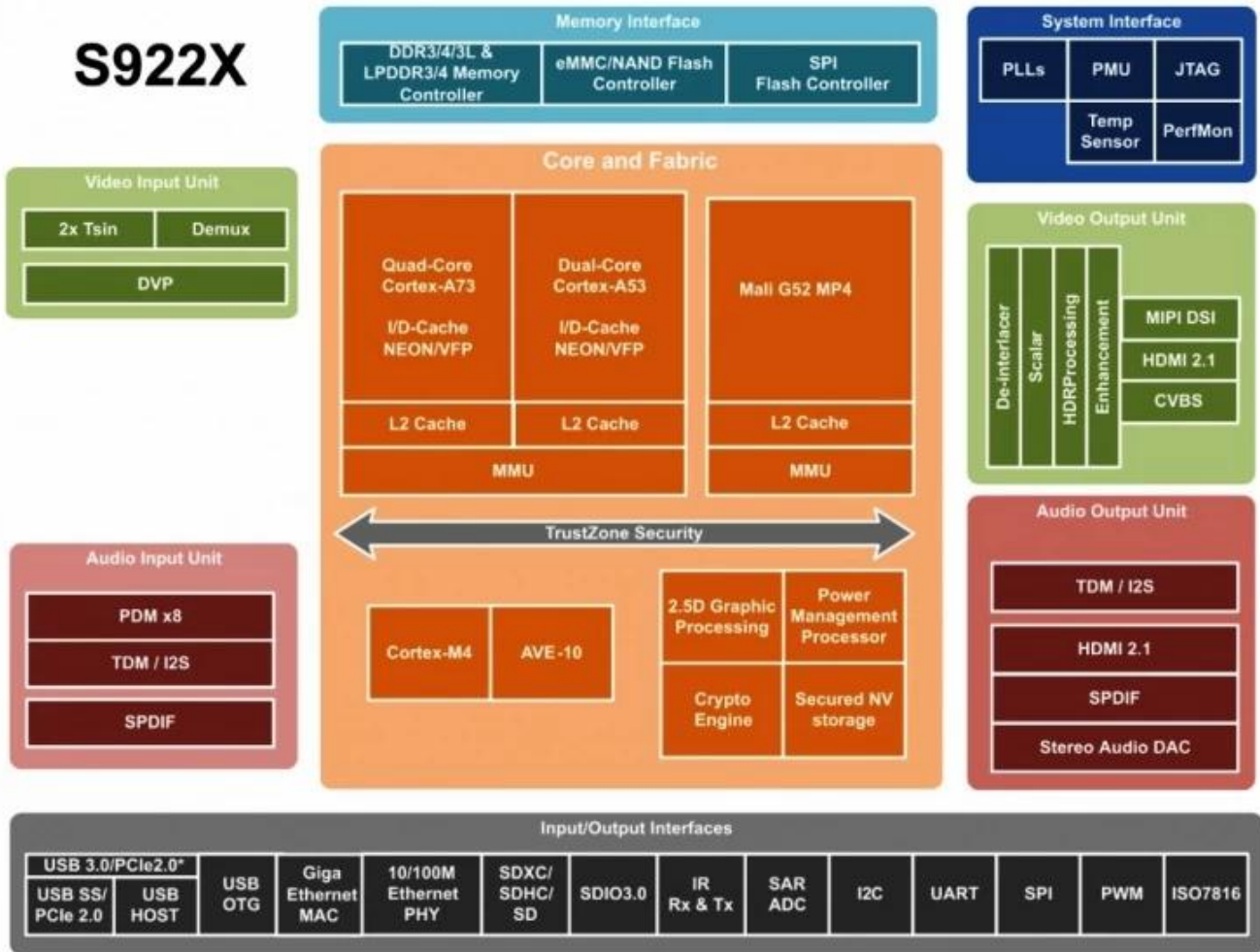


Android TV, Android TV

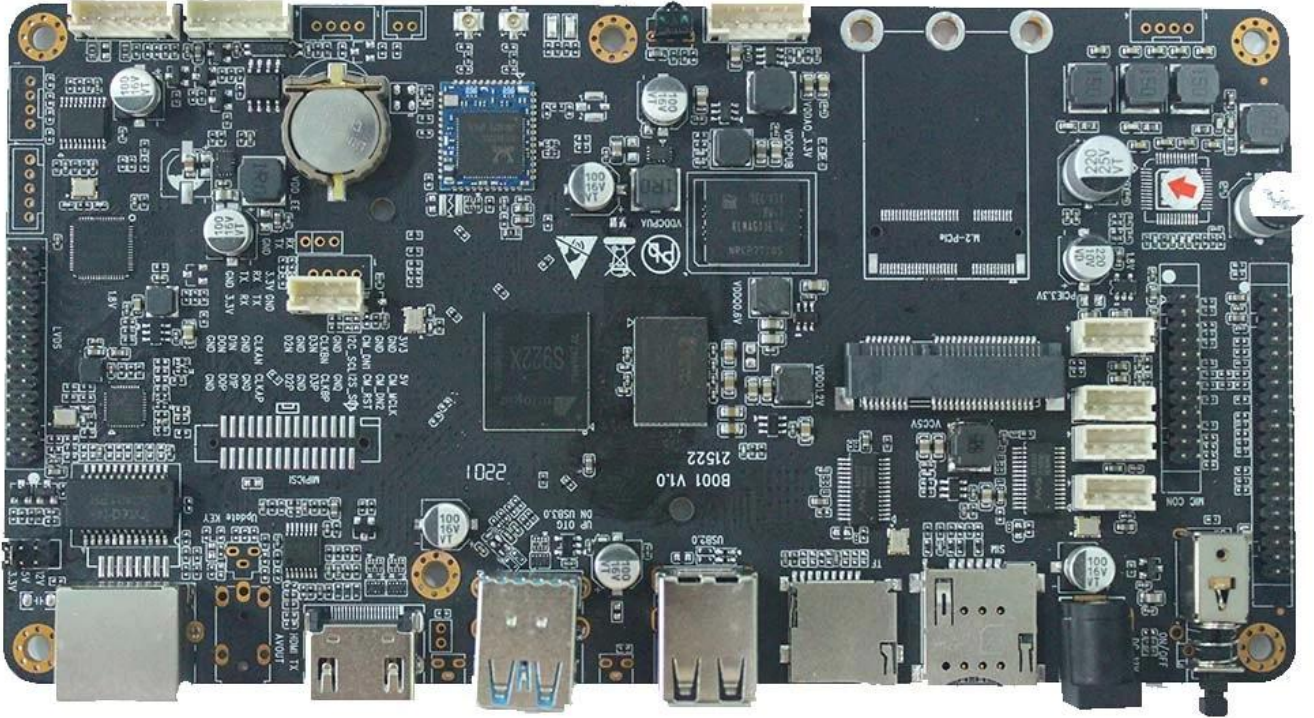
Android TV	
Android TV	Amlogic A311D Android TV
CPU	Amlogic A311D ARM Cortex A73 ARM Cortex A53 1.98Ghz
GPU	ARM Mali-G52 MP4(6EE) OpenGL ES 3.2, Vulkan 1.1 OpenCL 2.0
RAM	DDR4 2GB/4GB
ROM	16GB eMMC(128GB)
OS	Android 9.0
Video & Audio	
Video	4K H265 10Bit, H.264, AVS, MPEG-2
Audio	MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv MP3
Connectivity	
Display	1x LVDS 40pin 2.0mm, 8pin, 10pin; 1x HDMI; 1x AV
Camera	x1, MIPI CSI
WiFi	4x 2.5mm 25W@2 3W@2
Bluetooth	x1, 10M/100M
USB	WiFiBT, 2.4G 2.4G/5G PCIE (4G) x1 M.2 (4G) x1
USB2.0	USB OTG x1(USB) USB x7
GPIO	x2, 6pin 2.0mm
LED	x1, 7pin 2.0mm, LED
IR	x4
TF	x1
SIM	x1
RTC	RTC
Power	
Power	12V, 2.5DC

S922X



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

S055T01



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

- (1) PCB components
- 1x LVDS panel (40x)
- 1x HDMI port
- 5x USB2.0
- 4x RS232 (USB2.0 port)
- 1x MIPI CSI
- 1x AV port
- 1x I2C
- I2SC/IS2B
- 1x 25W power supply, 3W power supply

(2) WiFi, 4G, AI components

(3) PCB components

- 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 1000 1000

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

.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) 8x, 2x, 6x8x (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

Android TV, Android TV

Android TV

Android TV

Android TV, RAM, 4K, HDR

Android TV

Android TV

