HD TV Box Android □□□□□□ □□□□□□□□□□□□□□□□□□ Android TV

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□□□□□□□	Amlogic A311D Quad Core ARM Cortex A73 □□□ Dual Core ARM Cortex A53 1.98Ghz
□□□□□□□	ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2, □□□□□□□ 1.1 □□□ OpenCL 2.0
□□□	DDR4 2GB/4GB
□□□	eMMC 16GB (□□□□□□□□□□□□□□□ 128GB)
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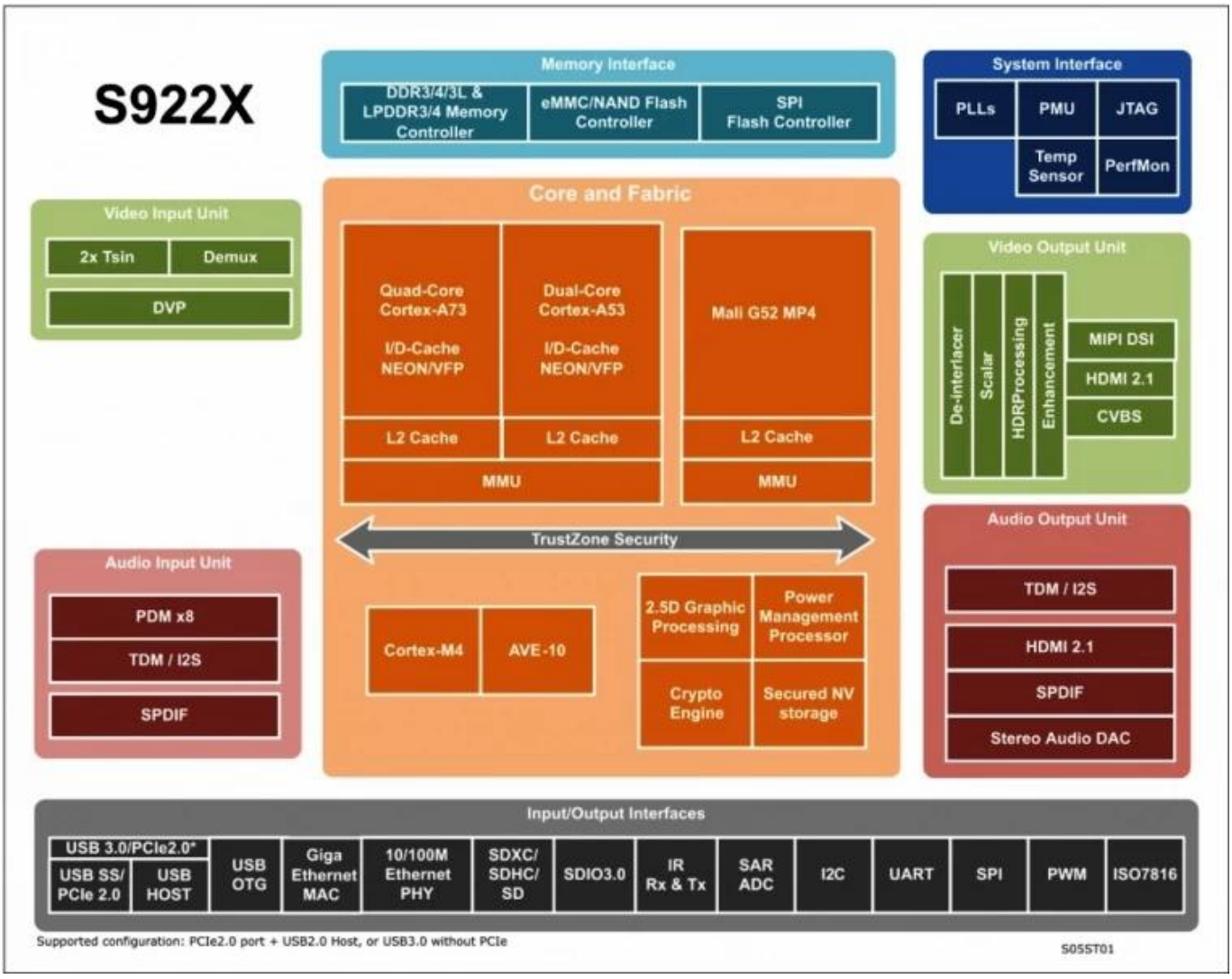
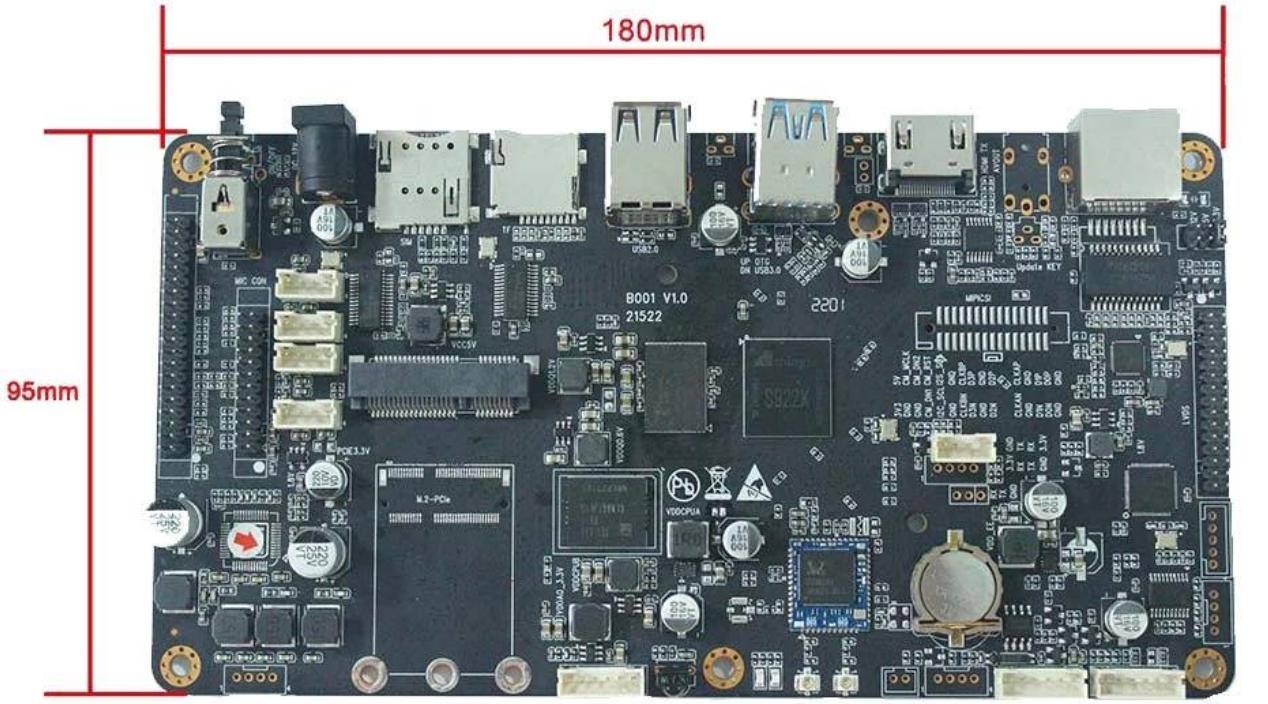
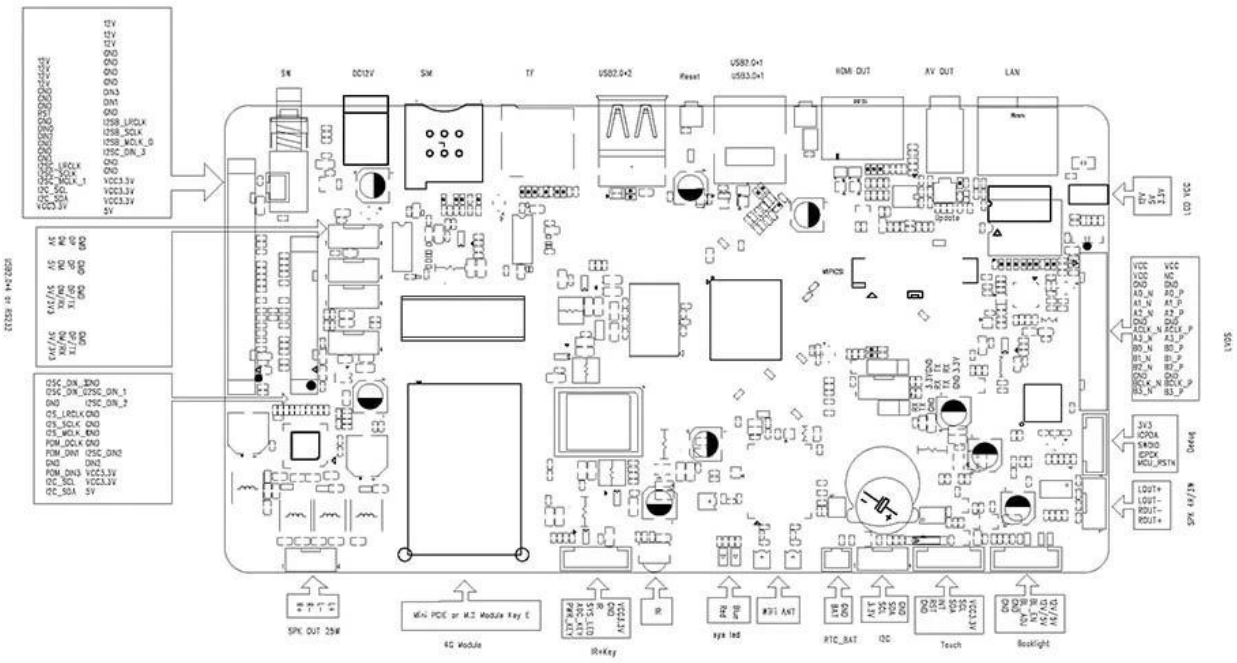
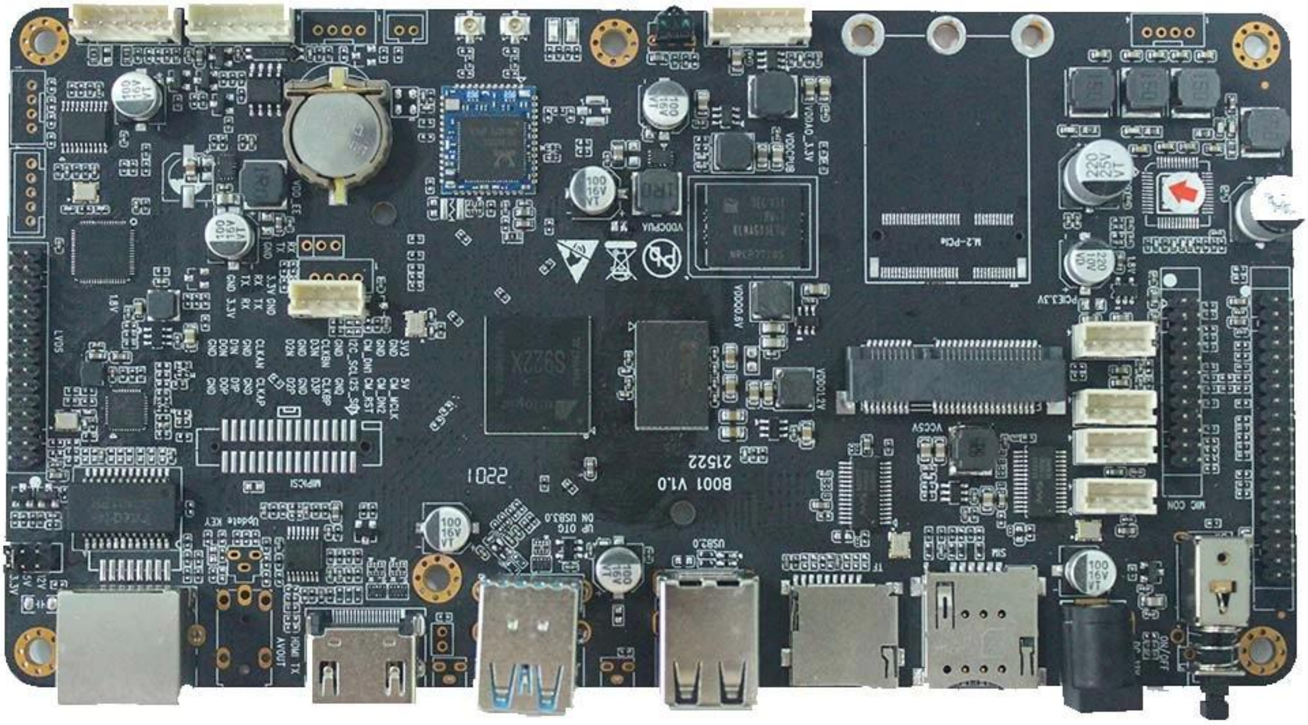

S922X
Memory Interface
DDR3/4/3L & LPDDR3/4 Memory Controller
eMMC/NAND Flash Controller
SPI Flash Controller
System Interface
PLLs
PMU
JTAG
Temp Sensor
PerfMon
Video Input Unit
2x Tsin
Demux
DVP
Core and Fabric
Quad-Core Cortex-A73
I/D-Cache NEON/VFP
Dual-Core Cortex-A53
I/D-Cache NEON/VFP
Mali G52 MP4
L2 Cache
L2 Cache
L2 Cache
MMU
MMU
TrustZone Security
Cortex-M4
AVE-10
2.5D Graphic Processing
Power Management Processor
Crypto Engine
Secured NV storage
Video Output Unit
De-interlacer
Scalar
HDRProcessing
Enhancement
MIPI DSI
HDMI 2.1
CVBS
Audio Input Unit
PDM x8
TDM / I2S
SPDIF
Audio Output Unit
TDM / I2S
HDMI 2.1
SPDIF
Stereo Audio DAC
Input/Output Interfaces
USB 3.0/PCIe2.0*
USB SS/ PCIe 2.0
USB HOST
USB OTG
Giga Ethernet MAC
10/100M Ethernet PHY
SDXC/ SDHC/ SD
SDIO3.0
IR Rx & Tx
SAR ADC
I2C
UART
SPI
PWM
ISO7816
Supported configuration: PCIe2.0 port + USB2.0 Host, or USB3.0 without PCIe
S05ST01



180mm*95mm*20mm


SW
DC12V
SIM
TF
USB2.0×2
Reset
USB2.0×1
USB3.0×1
HDMI OUT
AV OUT
LAN
SPK OUT 25W
4G Module
IR+Key
sys led
RTC_BAT
I2C
Touch
Backlight



Amlogic A311D Android Dvelopment Board [illegible] - [illegible] LCD [illegible] Amlogic A311D 12nm [illegible] UHD 4K @ 60fps [illegible] H.265 10 [illegible], H.264 [illegible] AVS [illegible] [illegible] [illegible] HDR10 [illegible] HLG [illegible] UART [illegible] USB [illegible] [illegible] Bluetooth, WIFI, 4G [illegible] [illegible] AV, [illegible] SD [illegible] [illegible] [illegible]/[illegible] [illegible] 3 [illegible] [illegible]/[illegible] [illegible]/[illegible] [illegible] AI [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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- [illegible] LVDS 1 [illegible] (40 [illegible])
- [illegible] HDMI 1 [illegible]
- USB2.0 5 [illegible]
- 4 [illegible] RS232 ([illegible] USB2.0 [illegible])
- MIPI CSI 1 [illegible]
- [illegible] AV 1 [illegible]
- 1 [illegible] I2C

- I2SC/IS2B
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(8) □□□□□□□□□□□□ ARMv8-A □□□□□□□□□□□□□□□ Neon □□□ Crypto
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