

Amlogic S922X 4K Android

Amlogic S922X 4K Android
Amlogic S922X ARM Cortex A73 ARM Cortex A53 1.98Ghz
ARM Mali-G52 MP4 (6EE) OpenGL ES 3.2 Vulkan 1.1 OpenCL 2.0
DDR4 2GB/4GB
16GB eMMC 128GB
9.0
4K H265 10Bit H.264 AVS MPEG-2
MPEG1 MPEG2 MPEG4 H.264 WMV MKV TS flv MP3 JPG JPEG BMP PNG GIF
1 LVDS 40 2.0mm 8bit 10bit
1 HDMI
1 AV
x1 MIPI CSI
4 2.5mm 25W @ 2 3W @ 2
x1 10M/100M
WiFi BT 2.4G 2.4G/5G
PCIe 4G x1 M.2 4G x1
USB 2.0
USB OTG x1
USB x7
x2 6 2.0
x1 7 2.0mm LED
x4
TF
SIM
12V 2.5DC

Android 9.0 / 3D / AI

Amlogic S922X AI s922x CPU GPU 4K HDR
 S922x CPU ARM Cortex-A73 CPU Cortex-A53 CPU
 neon SIMD Ave-10 75 / 4kx2k
 TVP MVC MPEG-1/2/4 vc-1 / WMV AVS AVS2 realvideo MJPEG
 H.264 h265-10 VP9 JPEG JPEG h.265/h.264 1080p 75
 hdmi2.2 4kx2k@60fp (3840*2160) V 4K HDCP 2.2 DAC CVBS 4 Mipi
 DSI TDM PCM I2S SPDIF I/O 8 PDM (dmic) DVP 2x2
 WiFi 2.4G 5.8G 4.1

- o Amlogic 64 ARM® Cortex™ A73 CPU ARM® Cortex™ A53 CPU
- o ARM Mali-G52 MP4 GPU
- o HW UHD 4K H.265 75fps 10 1080p H.265/H.264 60fp
- o HDR10 HDR10+ HLG PRIME HDR

- o Cortex-M4
- o TrustZone
- o WIFI/BT/USB/SD
- o

Amlogic S922X Android OTT/IPTV (STB) CPU/GPU 4K HDR AP

CPU Big Little ARM Cortex-A73 Cortex-A53 CPU NEON SIMD

ARM Mali-G52 MP4 GPU OpenGL ES 3.2 Vulkan 1.0 OpenCL 2.0 2.5D alpha CPU GPU HDR10 HDR10+ HLG PRIME HDR REC709/BT2020

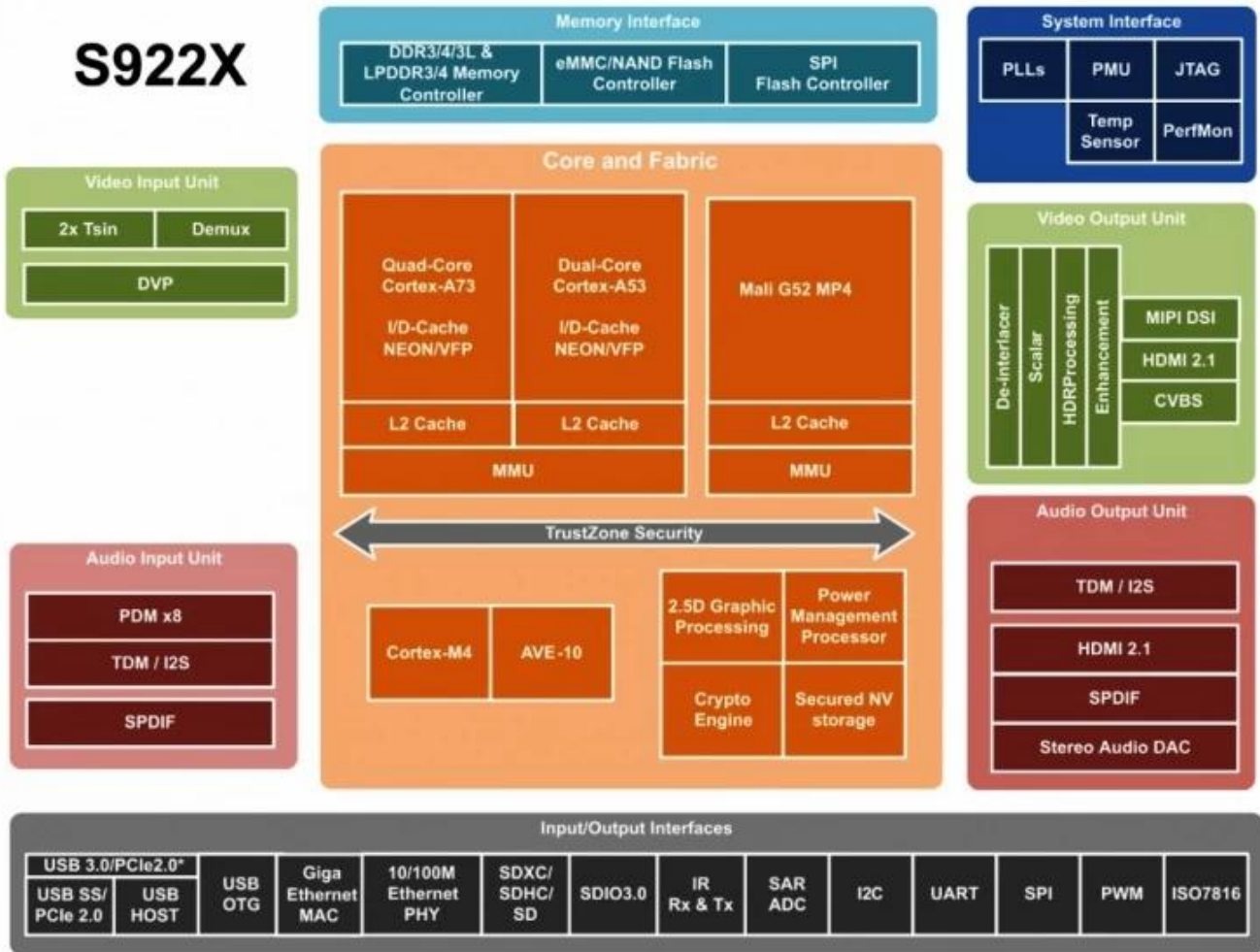
Amlogic (AVE-10) Cortex-A53 CPU AVE-10 75fps 4Kx2K (TVP) MVC/MPEG-1/2/4 VC-1/WMV AVS AVS2 RealVideo MJPEG H.264 H265-10 VP9 JPEG JPEG H.265/H.264 1080p 60fps

Amlogic S922X 3D HDMI2.1 HDR CEC HDCP 2.2 DAC CVBS 4 MIPI DSI TDM PCM I2S SPDIF 8 PDM (DMIC) DVP

Amlogic S922X

1 RGMII 10/100/1000M MAC 10/100M PHY 1 USB XHCI OTG 2.0 1 USB3.0 PCIe

S922X



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

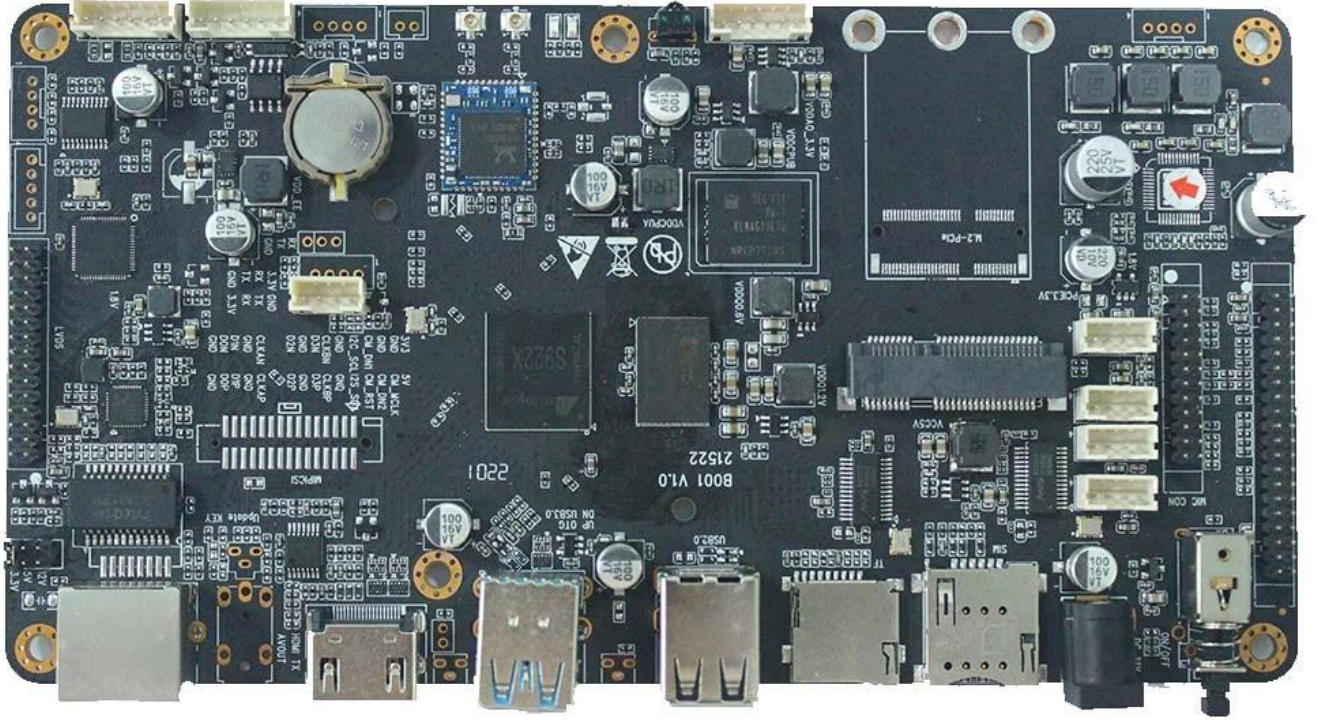
S055T01



180mm

95mm

180mm*95mm*20mm



- 支持WiFi4G
- (3)
-
-
-
-

接口

CPU

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

3D

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

编解码

- (1) Amlogic (AVE)
- (2) 4Kx2K@60fps 1x1080P@60fps
- (3) “”
- (4)
- 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/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

接口

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

接口

CPU

- (7) ARM Cortex-A73 ARM Cortex-A53 CPU
- (8) Neon Crypto ARMv8-A
- (9)
- (10) Cortex-M4
- (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
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- MPEG-1MP/HL upto 1080P@60fps(ISO-11172)
- RealVideo 8/9/10 1080P@60fps
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- MJPEG JPEG (ISO/IEC-10918)
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- *.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) 4 MIPI DSI 1920*1080

Amlogic S922X 4K Android

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1. Amlogic S922X
2. 4K
3. DTS-HD

4. 支援 Google Play 支援 Netflix、YouTube、Amazon Prime Video
5. 支援 Wi-Fi
6. 支援 HDMI、USB
- 7.
8. 支援 Android

Amlogic S922X 支援 4K 支援