

TV 模组 - 多功能工业控制板

Multifunctional intelligent industrial control board
Amlogic S922X / S905D3 / T972

V-By-One; Direct 4K Dot Screen; Android 9.0 Or Above
www.sztomato.com

产品	
产品	Amlogic S922X TV 模组
CPU	Amlogic S922X 64位 ARM® Cortex™ A73 CPU 或 ARM® Cortex™ A53 CPU
GPU	ARM Mali™-G52 MP4 GPU
ROM	2G/4GB LPDDR4
存储	16G B/ 64GB eMMC
OS	Android 9.0
功能与规格	
编解码	<p>支持 Amlogic Video Engine(AVE)</p> <p>H.265 UHD 4K H.265 75fps 1080P H.265 1080P H.265/H.264 60fps</p> <p>4Kx2K@60fps/1x1080P@60fps</p> <p>VP9 2 4Kx2K@60fps</p> <p>H.265 HEVC MP-10@L5.1 4Kx2K@60fps</p> <p>AVS2-P2 4Kx2K@60fps</p> <p>H.264 AVC HP@L5.1 4Kx2K@30fps</p> <p>H.264 MVC 1080P@60fps</p> <p>MPEG-4 ASP@L5 1080P@60fps(ISO-14496)</p> <p>WMV/VC-1 SP/MP/AP 1080P@60fps</p> <p>AVS-P16(AVS) /AVS-P2 JiZhun 1080P@60fps</p> <p>MPEG-2 MP/HL 1080P@60fps(ISO-13818)</p> <p>MPEG-1 MP/HL 1080P@60fps(ISO-11172)</p> <p>RealVideo 8/9/10 1080P@60fps</p> <p>1080P@60fps H.265/H.264</p> <p>MJPEG JPEG (ISO/IEC-10918)</p> <p>JPEG, *mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm *.jpg</p> <p>Dolby Vision, HDR10, HDR10, HLG, PRIME HDR</p>
编解码	<p>JPEG H.265/H.264</p> <p>JPEG H.265/H.264 1080P@60fps</p>
接口	<p>CEC, Dynamic HDR, HDCP 2.2, PHY, HDMI 2.1, 4Kx2K@60, C VBS 480i/576i</p> <p>SD/HD/FHD: 480i/p, 576i/p, 720p, 1080i/p, 4Kx2K MIPI DSI</p> <p>MP3, AAC, WMA, RM, FLAC, Ogg 7.1/5.1</p> <p>SPDIF/IEC958, PCM, TDM/PCM/I2S 3, TDM/PCM: 84kHz x32 x 8, 96kHz x 32 x 32, I2S 384kHz x 32x8</p> <p>CIC, LPF, HPF, PDM, 8 DMIC, DAC</p> <p>I2SPCM</p>
编解码	HD MPEG1/2/4, H.265/HEVC, HD AVC/VC-1, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10
编解码	Avi/Rm/RmVb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
编解码	MP3/WMA/AAC/WAV/OGG/DDP/TrueHD/HD/FLAC/APE
编解码	HD JPEG/BMP/GIF/PNG/TIFF
接口	
USB	USB2.0, 480Mbps/USB3.0, 5.1Gbps
SIM	SIM
HDMI	HDMI 2.2/1.4 Lvds/1 EDP
接口	RJ45 100/1000M

WiFi/BT	AP6398S(WiFi/BT) 2.4G/5.8G
4G	PCIe
TF	MicroSD(Up to 128G)
HDD	SATA Max2TB (Optional)
Power	12V DC/3A 5.5*2.5mm

It offers excellent performance in terms of power, speed, and efficiency, 3D rendering, video playback, and AI processing capabilities. It is suitable for various applications such as smart TV, set-top box, and digital signage.

The Amlogic S922X is a 12nm AI SoC. It features a CPU, GPU, and 4K video playback capabilities. It supports HDR content and is compatible with various video formats. The S922X is based on the Cortex-A73 CPU and Cortex-A53 CPU. It also includes a Mali-G52 MP4 GPU. The S922X supports various video formats including H.264, H.265, VP9, and AV1. It also supports various audio formats including AAC, MP3, and PCM. The S922X is compatible with various peripherals including USB, SD, and SATA. It also supports various protocols including WiFi, BT, and Ethernet.

Features

- o Amlogic 64-bit ARM® Cortex™ A73 CPU and ARM® Cortex™ A53 CPU
- o ARM Mali-G52 MP4 GPU
- o HW UHD 4K@60fps 10-bit HDR10, HDR10+, HLG and PRIME HDR content
- o Dolby Vision and HDR10, HDR10+, HLG and PRIME HDR content
- o Cortex-M4 for secure boot
- o DRM and TrustZone for secure boot
- o WiFi, BT, USB, SD, SATA, Ethernet
- o Various protocols and interfaces

Amlogic S922X Android SoC for OTT/IPTV (STB) applications. It offers excellent performance in terms of power, speed, and efficiency. It features a CPU, GPU, and 4K video playback capabilities. It supports HDR content and is compatible with various video formats. The S922X is based on the Cortex-A73 CPU and Cortex-A53 CPU. It also includes a Mali-G52 MP4 GPU. The S922X supports various video formats including H.264, H.265, VP9, and AV1. It also supports various audio formats including AAC, MP3, and PCM. The S922X is compatible with various peripherals including USB, SD, and SATA. It also supports various protocols including WiFi, BT, and Ethernet.

The CPU is based on the ARM Cortex-A73 and Cortex-A53. It also includes a Mali-G52 MP4 GPU. The S922X supports various video formats including H.264, H.265, VP9, and AV1. It also supports various audio formats including AAC, MP3, and PCM. The S922X is compatible with various peripherals including USB, SD, and SATA. It also supports various protocols including WiFi, BT, and Ethernet.

ARM Mali-G52 MP4 GPU 支持 OpenGL ES 3.2 Vulkan 1.0 及 OpenCL 2.0 支持 2.5D 支持, 支持 2D/3D 支持. ARM Mali-G52 MP4 GPU 支持 OpenGL ES 3.2 Vulkan 1.0 及 OpenCL 2.0 支持 2.5D 支持, 支持 2D/3D 支持. CPU 支持 GPU 支持, 支持, 支持. 支持 Dolby Vision 支持 HDR10, HDR10, HLG 支持 PRIME HDR 支持, REC709/BT2020 支持, 支持 1080p 支持.

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

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

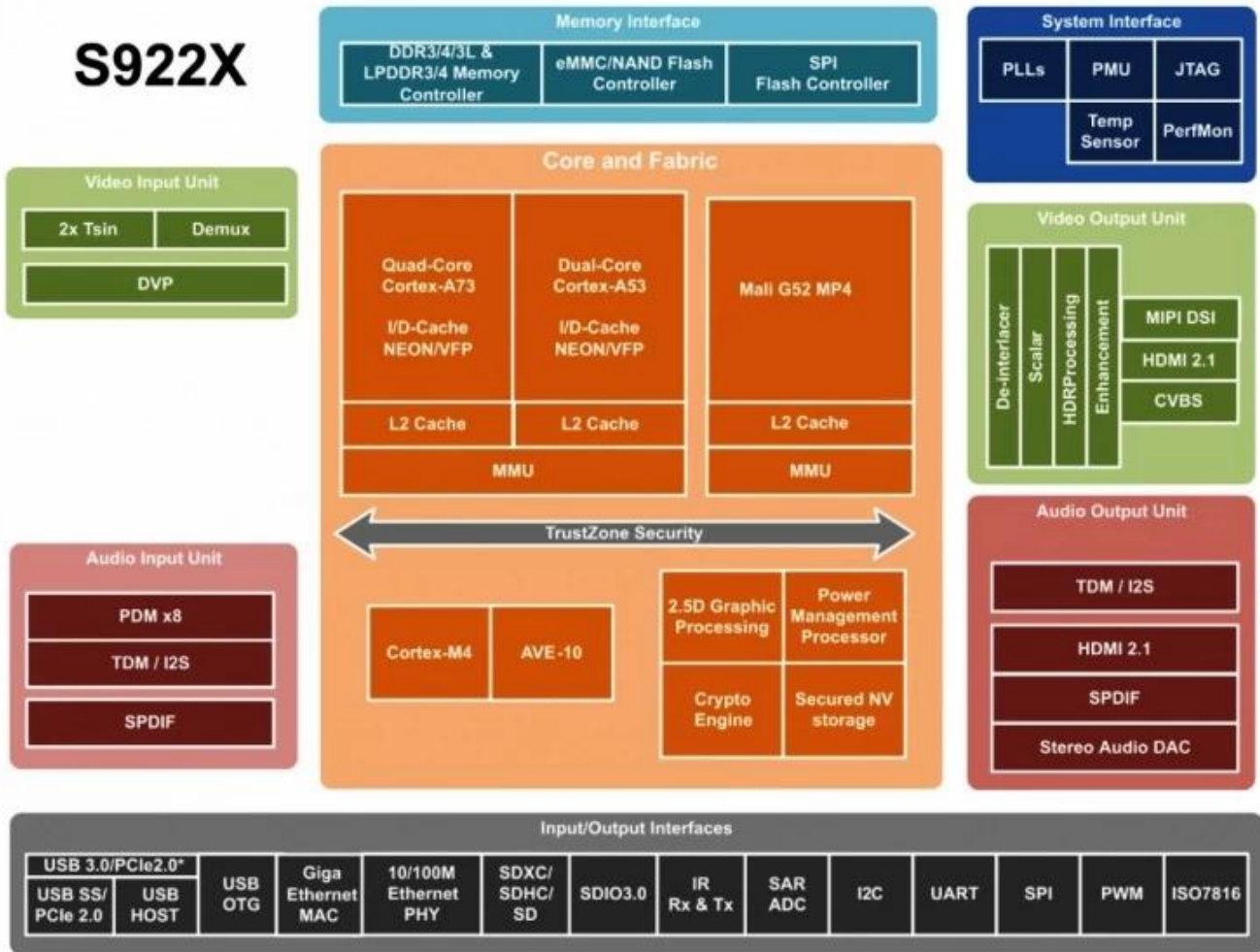
Amlogic S922X 支持 TV 支持 2 支持.

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





S922X



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

S055T01

በጣም ጥሩ ስራ ለማድረግ ለጥንቃቄ ለመጠየቅ [TV Box Android](#). በጣም ጥሩ TV ስራ ለማድረግ ለጥንቃቄ ለመጠየቅ, ለጥንቃቄ ለመጠየቅ. ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ Android ስራ ለማድረግ ለጥንቃቄ ለመጠየቅ. ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ TV Box Android ስራ ለማድረግ ለጥንቃቄ ለመጠየቅ. ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ. ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ ለጥንቃቄ ለመጠየቅ!