

Amlogic S922X 9 OTT

Multifunctional intelligent industrial control board
 Amlogic S922X / S905D3 / T972

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

Processor	
Processor	Amlogic S922X
GPU	Amlogic S922X 64 ARM® Cortex™ A73 CPU ARM® Cortex™ A53 CPU
GPU	ARM Mali-G52 MP4 GPU
RAM	2G/4GB LPDDR4
Storage	16G B/ 64GB
OS	9.0
Video	
Video	Amlogic (AVE) HW UHD 4K H.265 75fps 10 1080p H.265/H.264 60fps 4Kx2K@60fps 1x1080P@60fps "VP9 Profile-2 4Kx2K@60fps H.265 HEVC MP-10@L5.1 4Kx2K@60fps AVS2-P2 4Kx2K@60fps H.264 AVC HP@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-1 MP/HL 1080P@60fps (ISO-11172) RealVideo 8/9/10 1080P@60fps H.265/H.264 1080P@60fps MJPEG JPEG (ISO/IEC-10918) PEG *.mkv*.wmv*.mpg*.mpeg*.dat*.avi*.mov*.iso*.mp4*.rm *.jpg HDR10 HDR10HLG PRIME HDR
Video	JPEG H.265/H.264 JPEG H.265/H.264 1080P@60fps
Video	HDMI 2.1 CEC HDR HDCP 2.2 PHY 4Kx2K@60 C VBS 480i/576i SD/HD/FHD 480i/p 576i/p 720p 1080i/p 4Kx2K 4 MIPI DSI 1920*1080 MP3 AAC WMA RM FLAC Ogg 7.1/5.1 SPDIF/IEC958/PCM 3 TDM/PCM/I2S TDM/PCM 84kHz x32 x 8 96kHz x 32 x 32 I2S 384kHz x 32x8 PDM CIC LPF HPF 8 DMIC DAC PCM I2SPCM
Video	MPEG1/2/4 H.265/HEVC AVC/VC-1 RM/RMVB Xvid/DivX3/4/5/6 RealVideo 8/9/10
Video	Avi/Rm/Rmvb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
Video	MP3/WMA/AAC/WAV/OGG/DDP/TrueHD/HD/FLAC/APE
Video	JPEG/BMP/GIF/PNG/TIFF
Ports	
USB	USB2.0 480Mbps/USB3.0 5.1Gbps
SIM	SIM
HDMI	HDMI 2.2/1ch Lvds/1ch EDP

接口	RJ45 100/1000M
存储/内存	AP6398S(DDR4) 2.4G5.8G
4G	PCI-E
TF	microSD 128G
硬盘	SATA Max2TB
电源	12V DC/3AΦ5.5*Φ2.5mm

Android 系统支持 / 3D 支持 / AI 支持

Amlogic S922X 12nm AI s922x CPU GPU 4K HDR ARM Cortex-A73 CPU Cortex-A53 CPU neon SIMD Ave-10 75fps 4Kx2K TVP MVC MPEG-1/2/4 VC-1 /WMV AVS AVS2 realvideo MJPEG H.264 H.265-10 VP9 JPEG JPEG H.265/h.264 1080p 75fps hdmi2.2 4Kx2K@60fp(3840*2160) V4K 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

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- 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 60fps
- o HDR10 HDR10+ HLG PRIME HDR
- o Cortex-M4
- o TrustZone DRM
- o WIFI BT USB SD
- o

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

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

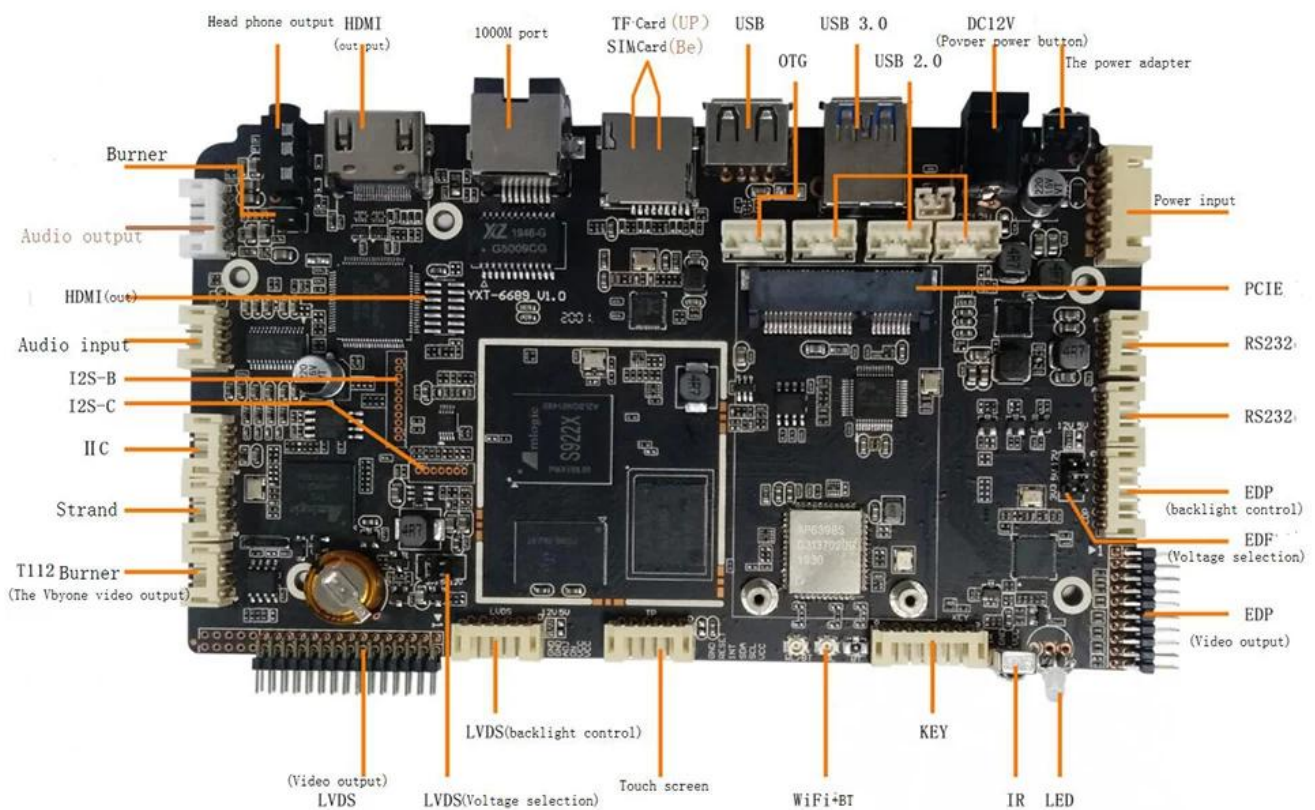
ARM Mali-G52 MP4 GPU OpenGL ES 3.2 Vulkan 1.0 OpenCL 2.0 2.5D alpha CPU GPU HDR10 HDR10+ HLG PRIME HDR REC709/BT2020

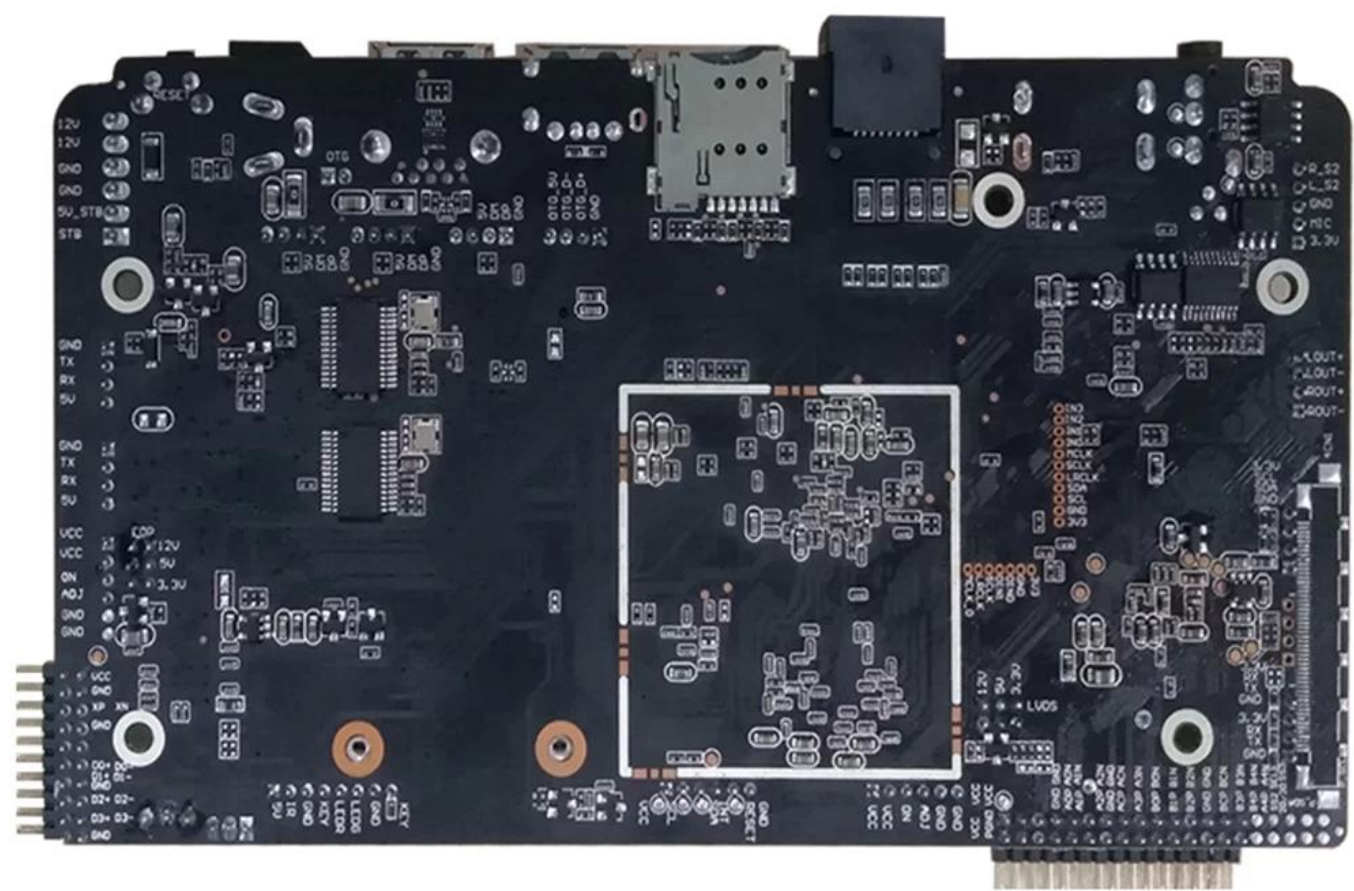
Amlogic (AVE-10) Cortex-A53 CPU AVE-10 75fps 4Kx2K (TVP) MVC MPEG-1/2/4 VC-1/WMV AVS AVS2 RealVideo MJPEG H.264 H.265-10 VP9 JPEG JPEG H.265/H.264 1080p 60fps

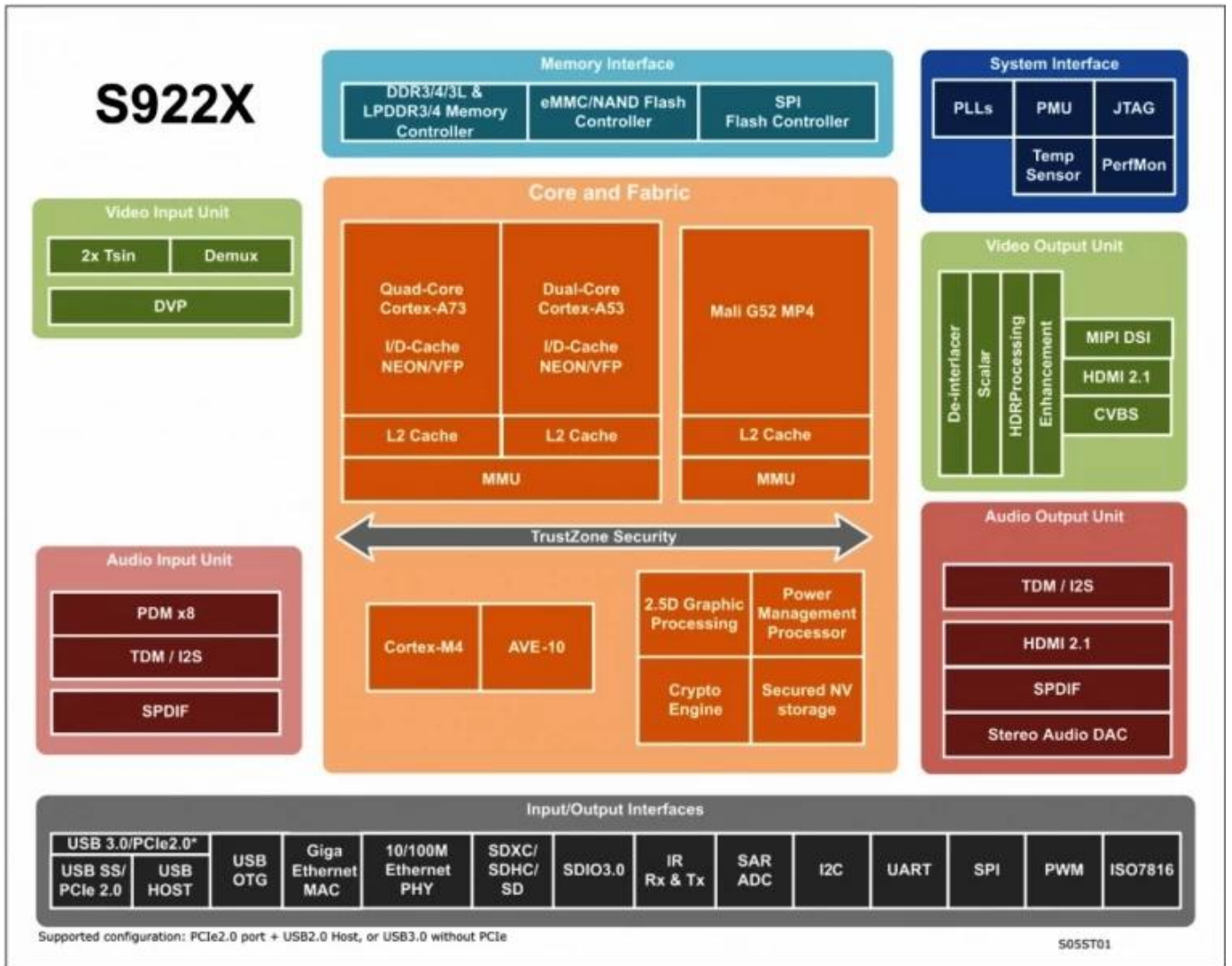
Amlogic S922X 3D HDMI2.1 HDR CEC HDCP 2.2 DAC CVBS 4 MIPI DSI TDM PCM I2S SPDIF 8 PDM (DMIC) DVP

Amlogic S922X

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







Amlogic S922X Android 9 OTT 4K

HDR10 and Mali-G52 GPU 4K

Android 9 OTT Netflix Amazon Prime Video Disney YouTube Android

WiFi 2.4GHz 5GHz 4K WiFi 4.1

4GB 16GB USB 3.0

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OTT Amlogic S922X Android 9 4K