

Android TV 10 1080P, Android TV 10 4K

Multifunctional intelligent industrial control board

Amlogic S922X / S905D3 / T972







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

CPU	
Amlogic S922X	Android TV 10 1080P
CPU	Amlogic S922X 64bit ARM® Cortex™ A73 CPU / ARM® Cortex™ A53 CPU
GPU	ARM Mali™-G52 MP4 GPU
ROM	2GB/4GB LPDDR4
RAM	16GB / 64GB eMMC
OS	Android 9.0
Video	
Video	<p>Amlogic Video Engine(AVE)</p> <p>HW UHD 4K H.265 75fps 10bit 1080p H.265/H.264 60fps 4Kx2K@60fps1x1080P@60fps</p> <p>VP9 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>
Video	<p>JPEG H.265/H.264</p> <p>JPEG H.265/H.264 1080P@60fps</p>
Video	<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>1920*1080</p> <p>MP3, AAC, WMA, RM, FLAC, Ogg 7.1/5.1</p> <p>SPDIF/IEC958, PCM, TDM/PCM/I2S 3</p> <p>TDM/PCM: 84kHz x32 x 8, 96kHz x 32 and I2S 384kHz x 32x8</p> <p>CIC, LPF, HPF, PDM, 8 DMIC, DAC</p> <p>I2SPCM</p>
Video	<p>HD MPEG1/2/4, H.265/HEVC, HD AVC/VC-1, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10</p>
Video	<p>Avi/Rm/RmVb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg</p>
Video	<p>MP3/WMA/AAC/WAV/OGG/DDP/TrueHD/HD/FLAC/APE</p>
Video	<p>HD JPEG/BMP/GIF/PNG/TIFF</p>
IO	
USB	<p>USB2.0, 480Mbps/USB3.0, 5.1Gbps</p>
SIM	<p>SIM</p>
HDMI	<p>HDMI 2.2/1.4 Lvds/1 EDP</p>
IO	<p>RJ45 100/1000M</p>

WiFi/BT	AP63985(WiFi/BT) 2.4G/5.8G
4G	PCIe
TF	MicroSD(Up to 128G)
HDD	SATA Max2TB (Optional)
Power	12V DC/3AΦ5.5*Φ2.5mm

It supports 4K video playback, 3D playback, AI image processing, etc. It also supports Dolby Vision, HDR10, HLG, and PRIME HDR.

Amlogic S922X is a 12nm AI SoC. It features a Cortex-A73 CPU, Cortex-A53 CPU, Mali-G52 MP4 GPU, and a 4K UHD video processor. It supports various video formats including H.264, H.265, VP9, and AV1. It also has a rich set of I/O interfaces like HDMI, USB, and WiFi.

Features:

- o Amlogic S922X SoC with ARM® Cortex™ A73 CPU and ARM® Cortex™ A53 CPU
- o ARM Mali-G52 MP4 GPU
- o HW UHD 4K@60fps 10-bit video playback (H.265/H.264 60fps)
- o Dolby Vision, HDR10, HLG, and PRIME HDR
- o Cortex-M4 for audio processing
- o DRM support with TrustZone
- o WiFi, BT, USB, SD, and other I/O
- o Android OS support

Amlogic S922X is an Android-based SoC for OTT/IPTV STB. It features a Cortex-A73 CPU, Cortex-A53 CPU, Mali-G52 MP4 GPU, and a 4K UHD video processor. It supports various video formats including H.264, H.265, VP9, and AV1. It also has a rich set of I/O interfaces like HDMI, USB, and WiFi.

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Amlogic Video Engine(AVE-10) 支持 4Kx2K 分辨率 Cortex-A53 CPU 支持。支持 4Kx2K 分辨率。AVE-10 支持 4Kx2K 分辨率 TVP(支持 4Kx2K 分辨率) 支持 75fps 支持 4Kx2K 分辨率。支持 MVC, MPEG-1/2/4, VC-1/WMV, AVS, AVS, AVS2 RealVideo, MJPEG 支持。支持 H.264, H265-10, VP9 支持。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。支持 I2S 支持 SPDIF 支持。支持 8 支持 PDM 支持 (DMIC) 支持 DVP 支持。

Amlogic S922X 支持 TV 支持。支持 2 支持。支持 TV 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。





