

Amlogic S922X 12nm 4K HDR CPU GPU AI 2x2 WiFi Gigabit Ethernet

Amlogic S922X 12nm 4K HDR CPU GPU AI 2x2 WiFi Gigabit Ethernet. CPU arm cortex-a73 dual core cortex-a53 Neon SIMD Ave-10 4kx2k 75fps (TVP) MVC, MPEG-1/2/4, vc-1 /WMV, AVS, AVS, avs2 realvideo, MJPEG, H.264, h265-10, VP9 JPEG h.265/h.264 1080p, 75 4kx2k @ 60fp (3840 * 2160) hdmi2.2 4K V HDCP 2.2, DAC CVBS, Mipi DSI 4 I/O TDM, PCM, I2S SPDIF PDM (dmic) 8 DVP 2x2 WiFi (2.4G 5.8G) 4.1 Gigabit Ethernet

Amlogic

o Amlogic ARM® Cortex™ A73 64 ARM® Cortex™ A53

GPU ARM Mali-G52 MP4

o HW UHD 4KH.265 75fps 10 1080p H.265/H.264 60fp sencoder

o Dolby Vision HDR10, HDR10, HLG PRIME HDR

o Cortex-M4 core

o TrustZone DRM

o WIFI, BT, USB, SD,

o

Amlogic S922X Android OTT/IPTV Set Top Box (STB) CPU GPU CODEC 4K HDR AP

CPU Big Quad-Core Cortex-A53 Dual-Core L2 CPU core

NEON SIMD

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

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

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

Amlogic S922X demuxcan

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





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ROI

ROI

ADA

ROI