## Best Android TV Box Manufacturer, Android Smart TV Box

<b>Specifications</b>
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AI accelerator

Video output

Model No. Amlogic S928X Best Android TV Box Manufacturer

CPU Amlogic S928X ARM Cortex-A76+Quad-Core ARM Cortex-A55

GPU ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, Vulkan 1.2 and OpenCL 2.0

NPU 3.2 TOPS

RAM 64-bit DDR4, LPDDR4/4X UP to 8GB DDR4266

eMMC 5.1, SLC NAND Flash

Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders

Decoding

AV1 MP-10 @ L6.1 up to 8Kp60 VP9 Profile-2 @ 6.1 up to 8Kp60

H.265 HEVC MP-10 @ L6.1 up to 8Kp60

AVS3 Phase 1 up to 8Kp60 AVS2-P2 Profile up to 8Kp60 H.264 AVC HP @ L5.2 up to 4Kp60

Decoding resolution MPEG-4, WMV/VC-1, AVS, MPEG-2, MPEG-1 up to 1080p60

MIPEG and IPEG unlimited pixel resolution decoding (ISO/IEC-10918)

Support multi-video decoder up to 4x 4Kp60

Encoding

JPEG image encoding up to 4Kp60

H.265 video encoding up to 4Kp60 with low latency H.264 video encoding up to 4Kp60 with low latency

8th Generation Advanced Amlogic TruLife Image Engine with support for Dolby Vision

(optional), HDR10+, HDR10, HLG, and HDR Vivid processing

Up to 3.2 TOPS Neural Network Accelerator (NNA) with Tensor Processing Unit

(TPU) architecture, supports TensorFlow and Caffe

HDMI 2.1a transmitter including both controller and PHY supporting CEC, Dynamic HDR, and HDCP 2.2/2.3, up to 8Kp60 max resolution output with support for eARC,

VRR, QMS, QFT, ALLM, DSC & SBTM

Support for MP3, AAC, WMA, RM, FLAC, Ogg Vorbis, Opus, SRS Truvolume, Dolby Audio (optional), DTS (optional), and programmable with 7.1/5.1 down-mixing

Low-power VAD

Built-in SPDIF input/output up to 192KHz 16/24/32bit stereo

Audio ouput 3x built-in TDM/PCM/I2S ports with TDM/PCM mode up to 48kHz x 32bits x 32ch or

192kHz x 16bits x 16ch and I2S mode up to 384kHz x 32bits x 16ch

Digital microphone PDM input with programmable CIC, LPF, HPF, support up to 8

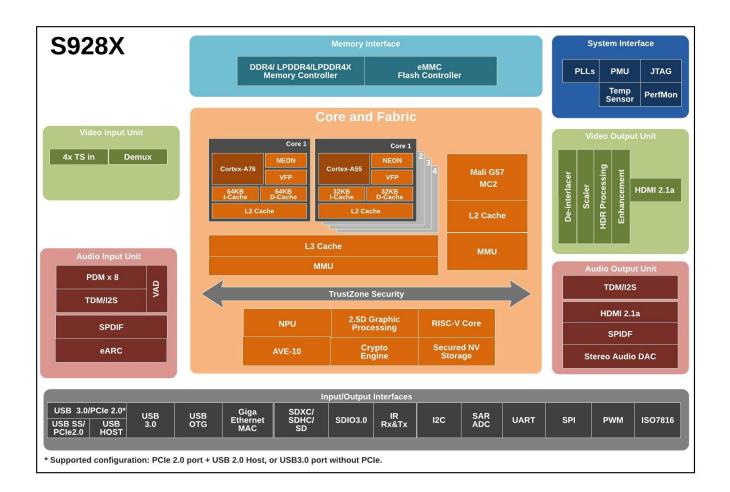
**DMICs** 

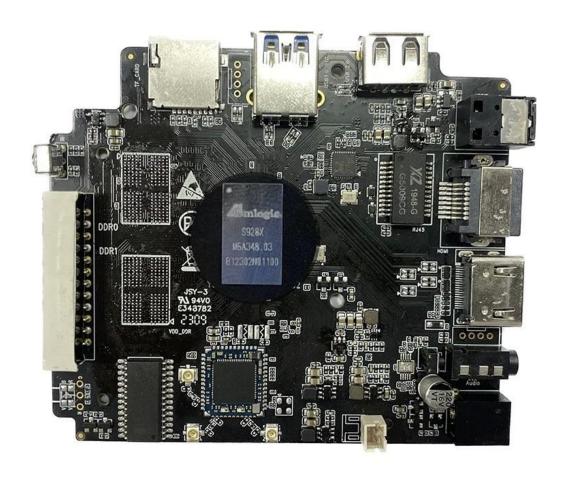
Built-in stereo audio DAC

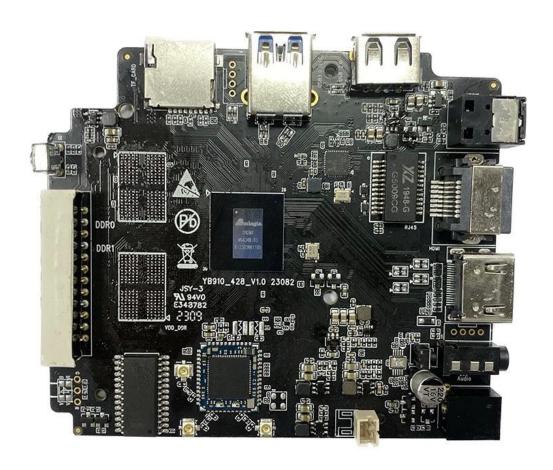
Network interface 10/100/1000 MAC

USB2.0 interface 1x USB XHCI OTG 2.0, 2x USB 2.0 host, 1x USB 3.0 (5 Gbps) multiplexed with PCIe

2.0









Welcome to the next generation of entertainment with our Android Smart TV Box, crafted by the leading Android TV Box manufacturer. Here's what sets our product apart:

- 1. **Cutting-Edge Performance:** Powered by the latest hardware and software, our Android Smart TV Box delivers lightning-fast performance for seamless streaming, gaming, and multitasking.
- 2. **4K Ultra HD Resolution:** Immerse yourself in stunning visuals with support for 4K Ultra HD resolution. Enjoy crystal-clear picture quality and vibrant colors on your TV screen.
- 3. **Android Operating System:** Experience the versatility of the Android operating system, allowing you to access thousands of apps, games, and streaming services from the Google Play Store.

- 4. **Voice Control:** Take command of your entertainment experience with voice commands using Google Assistant. Search for content, control playback, and get recommendations effortlessly.
- 5. **Easy Connectivity:** Connect your Android Smart TV Box to your TV via HDMI and enjoy seamless integration with other devices using Wi-Fi, Bluetooth, and USB connections.
- 6. **Customizable Interface:** Tailor your home screen with your favorite apps, shortcuts, and widgets for quick access to content that matters to you.
- 7. **Regular Updates:** Benefit from regular software updates to ensure your Android Smart TV Box stays optimized, secure, and equipped with the latest features.
- 8. **Parental Controls:** Manage what your family watches with built-in parental controls, allowing you to create safe viewing environments for children.
- 9. **Sleek Design:** Our Android Smart TV Box features a sleek and compact design that complements any home entertainment setup, adding style to functionality.

In summary, our Android <u>Smart TV Box</u>, designed by the best Android TV Box manufacturer, offers unparalleled performance, immersive visuals, and endless entertainment possibilities. Transform your TV into a smart hub of entertainment with our innovative and feature-rich device.