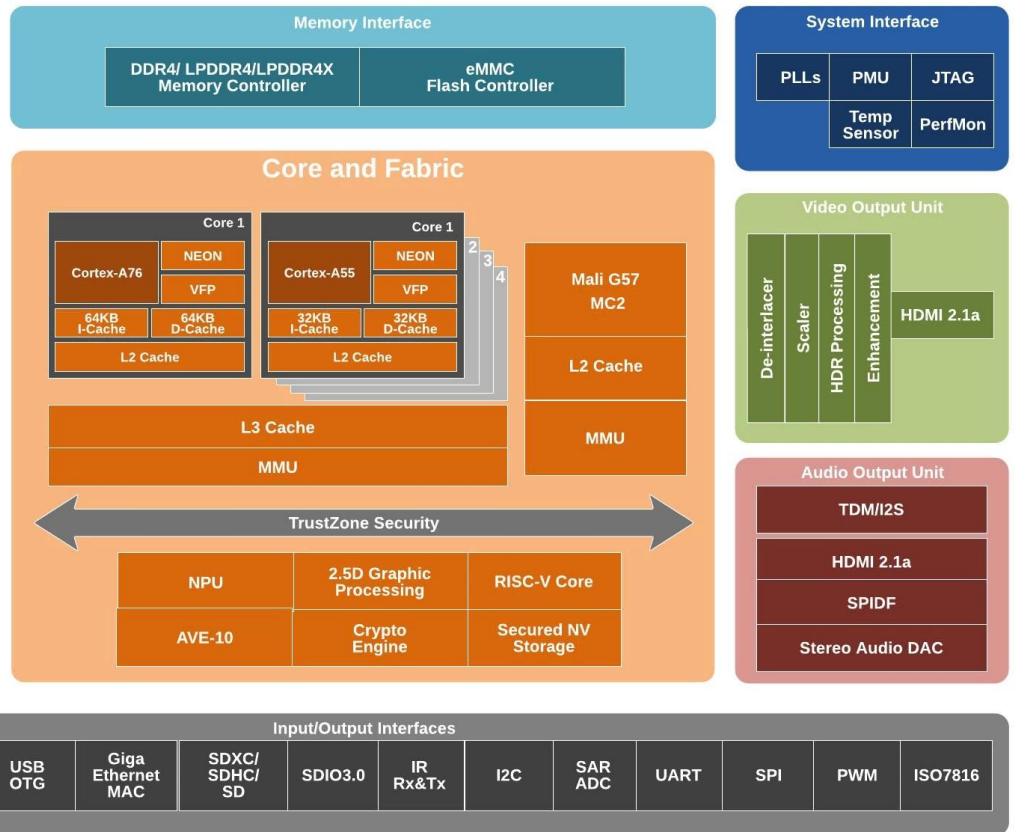


# OEM TV Box Android Manufacturer, OEM Android TV Box Suppliers

## Specifications

Model No.	Amlogic S928X-J OEM TV Box Android Manufacturer
CPU	Amlogic S928X-J 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	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
	MJPEG and JPEG 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
AI accelerator	Up to 3.2 TOPS Neural Network Accelerator (NNA) with Tensor Processing Unit (TPU) architecture, supports TensorFlow and Caffe
Video output	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
Audio output	Built-in SPDIF input/output up to 192KHz 16/24/32bit stereo
	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

# S928X



\* Supported configuration: PCIe 2.0 port + USB 2.0 Host, or USB3.0 port without PCIe.





YB910\_428\_V1.0 23082  
JSY-3  
94V0  
E343782  
2309

DDR0

DDR1

VDD\_DDR

G5080CC  
94V0  
R145

HDMI

220  
16V  
Audio



Amlogic S928X-J is the first 8K UHD smart STB SoC integrating ARM Cortex-A76, ARM Cortex-A55 and self-developed neural network processor. It supports 8Kp60 video decoding function of global mainstream video formats—AV1, H.265, VP9, AVS3, AVS2, etc. Meanwhile, 4K GUI, intelligent SR and other functions are viable as well, thus providing an outstanding hardware engine for customized high-end applications.

As the demand for high-performance multimedia entertainment continues to rise, Amlogic has once again delivered an innovative solution with the launch of its latest S928X-J chip. Designed to deliver a seamless, immersive multimedia experience, the S928X-J chip boasts a range of impressive features that are sure to impress tech enthusiasts and consumers alike.

One of the key selling points of the S928X-J chip is its powerful processing capabilities. The chip is equipped with an eight-core ARM Cortex-A53 CPU, which provides lightning-fast speeds and delivers exceptional performance for a wide range of multimedia applications. Whether you're streaming 4K content, playing high-definition games, or running multiple apps at once, the S928X-J chip ensures that you enjoy a smooth and uninterrupted experience.

Another standout feature of the S928X-J chip is its support for high-quality audio and video output. The chip supports up to 4K resolution at 60 frames per second, which means that you can enjoy your favorite movies and TV shows with breathtaking clarity and detail. Additionally, the chip supports HDR10 and HLG technologies, which provide a wider color gamut and better contrast, making your viewing experience more immersive than ever before.

The S928X-J chip is also designed to deliver a high-quality gaming experience. The chip is equipped with a powerful Mali-G31 MP2 GPU, which provides exceptional graphics performance and supports OpenGL ES3.2, Vulkan 1.1, and OpenCL 2.0. This means that you can play the latest games with stunning graphics and enjoy smooth, lag-free gameplay.

In addition to its impressive hardware specs, the S928X-J chip also features advanced software optimizations that enhance its performance and usability. The chip is based on the Android TV 10 operating system, which provides a user-friendly interface and access to a wide range of apps and content. The chip also supports Google Assistant, which allows you to control your TV and other connected devices with your voice.

The S928X-J chip is also designed with connectivity in mind. The chip supports dual-band Wi-Fi and Bluetooth 5.0, which ensure fast and reliable wireless connectivity. It also features a range of ports, including HDMI, USB, and Ethernet, which provide flexible connectivity options for a wide range of devices and peripherals.

Overall, the Amlogic S928X-J chip is a game-changing solution for high-performance multimedia entertainment. Its powerful processing capabilities, support for high-quality audio and video output, and advanced software optimizations make it a standout choice for tech enthusiasts and consumers who demand the best in multimedia entertainment. Whether you're streaming your favorite content, playing games, or using your TV for other applications, the S928X-J chip ensures that you enjoy a seamless, immersive experience.

The 8K [Android TV Box](#) with Amlogic S928X-J is the ultimate high-performance media player that brings your TV to life. It is a smart TV box that features dual-band Wi-Fi and HDR support, giving you seamless access to all your favorite streaming apps and services in stunning 8K resolution. With USB 3.0 and Bluetooth 5.0, you can easily connect your external devices and enjoy your media on the big screen. Whether you want to watch movies, TV shows, play games or browse the web, this TV box has got you covered.

Step into the future of entertainment with our Amlogic S928X-J 8K [Android TV Box](#) featuring WiFi 6E. Immerse yourself in stunning visuals and seamless streaming. This Android TV Box delivers 8K brilliance, elevating your viewing experience. With advanced WiFi 6E technology, enjoy fast and reliable connectivity. Explore a new dimension of entertainment with this powerful and feature-packed Android TV Box. Order now and redefine the way you experience TV!

Welcome to our world of cutting-edge OEM TV Box Android solutions. As a trusted manufacturer and supplier, we take pride in offering a wide range of customizable Android TV Box products designed to elevate your entertainment experience.

**Tailored OEM Solutions** We understand that every business and project is unique. That's why we offer tailored OEM TV Box Android solutions to meet your specific requirements. Whether you need custom hardware configurations, software integrations, branding options, or packaging designs, our team of experts will work closely with you to deliver a solution that aligns with your vision and objectives.

**Advanced Technology and Quality Assurance** Our OEM TV Box Android products are powered by advanced technologies and components, ensuring superior performance, reliability, and longevity. We adhere to strict quality control standards throughout the manufacturing process, from component selection to final product testing, to ensure that every unit meets our high-quality standards.

**Versatility and Flexibility** Our OEM Android TV Box solutions offer versatility and flexibility, allowing you to explore various applications and use cases. Whether you're looking to create a streaming device, gaming console, multimedia hub, or smart home controller, our OEM TV Box Android products provide the foundation for a wide range of functionalities and features.

**Collaborative Partnership** We value collaboration and partnership with our clients. Our dedicated team of professionals is committed to providing exceptional customer support, technical assistance, and project management services to ensure a seamless OEM experience. From initial concept discussions to product delivery and beyond, we are here to support your success.

**Customization Options** With our OEM TV Box Android solutions, you have the freedom to customize hardware specifications, software features, user interfaces, and branding elements. Whether you're targeting specific market segments, enhancing user experiences, or aligning with your brand identity, we offer extensive customization options to help you achieve your goals.

**Scalability and Competitive Pricing** Whether you need a small batch of OEM Android TV Box units or a large-scale production run, we have the scalability and manufacturing capabilities to meet your demands. Our competitive pricing, bulk discounts, and flexible ordering options ensure cost-effective solutions without compromising quality or performance.

**Contact Us** Ready to explore OEM TV Box Android opportunities with a trusted manufacturer and supplier? Contact us today to discuss your project requirements, request a quote, or schedule a consultation with our team. Let's collaborate and bring your vision to life with our customizable OEM TV Box Android solutions.