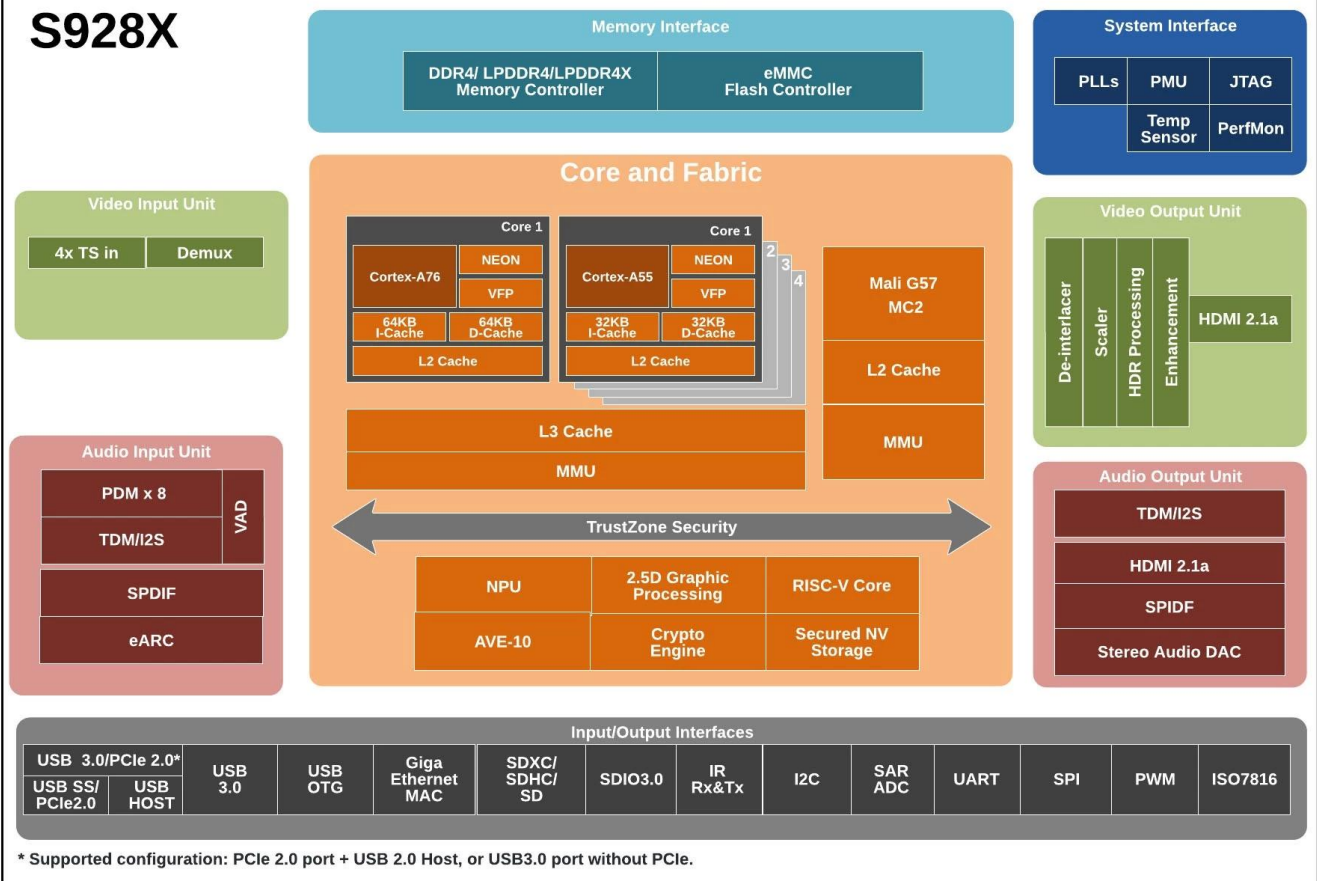


Android TV Box Supplier Android TV Box Manufacturer

Specifications

Model No.	Amlogic S928X-J Android TV Box
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 ouput	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









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.

Welcome to our comprehensive guide showcasing the offerings of our Android TV Box Supplier and Manufacturer services. With a focus on innovation, quality, and customer satisfaction, we take pride in offering a wide range of Android TV boxes that cater to both individual users and businesses seeking reliable streaming solutions.

Advanced Features and Performance

Our Android TV Box Supplier and Manufacturer services encompass devices equipped with advanced features such as 4K Ultra HD resolution, high-speed processors, ample storage, and support for popular streaming apps. Whether you're streaming movies, playing games, or accessing online content, our Android TV boxes deliver exceptional performance.

Customizable Solutions

As a customer-centric Android TV Box Supplier and Manufacturer, we understand the importance of customization. Our products are highly configurable, allowing you to tailor settings, interfaces, and applications to suit your preferences. From personalized home screens to app recommendations, we ensure a tailored experience for every user.

Seamless Streaming and Connectivity

Experience seamless streaming with our Android TV boxes, which support a wide range of streaming

services, including Netflix, YouTube, Amazon Prime Video, and more. With built-in Wi-Fi and Ethernet connectivity options, you can enjoy uninterrupted entertainment and fast data transfers.

User-Friendly Interface and Navigation

Navigating through content is effortless with our Android TV boxes' intuitive interfaces and user-friendly remote controls. Enjoy quick access to apps, settings, and media libraries, making your entertainment experience smooth and enjoyable.

Reliability and Durability

Our Android TV Box Supplier and Manufacturer services prioritize reliability and durability. Each device undergoes rigorous testing to ensure optimal performance, stability, and longevity. Rest assured that your investment in our Android TV boxes will provide long-term entertainment benefits.

Diverse Applications

Our Android TV Box solutions find applications across various sectors, including home entertainment, hospitality, education, and corporate environments. From enhancing home theaters to enabling digital signage and interactive displays, our devices offer versatility and functionality for diverse use cases.

Exceptional Customer Support

We are committed to providing exceptional customer support to address any inquiries, technical issues, or product assistance. Our dedicated team is available to ensure a seamless experience and satisfaction with our Android TV Box Supplier and Manufacturer services.

Conclusion

Partner with the leading Android TV Box Supplier and Manufacturer for premium-quality devices that redefine entertainment experiences. Whether you're a consumer looking for a feature-rich streaming solution or a business seeking reliable digital signage options, we have the perfect [Android TV Box](#) for you.