

Best Android TV Box 8K Ultra HD TV Box

Specifications	
Model No.	Amlogic S928X-J Android TV Box 8K 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
Decoding resolution	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 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

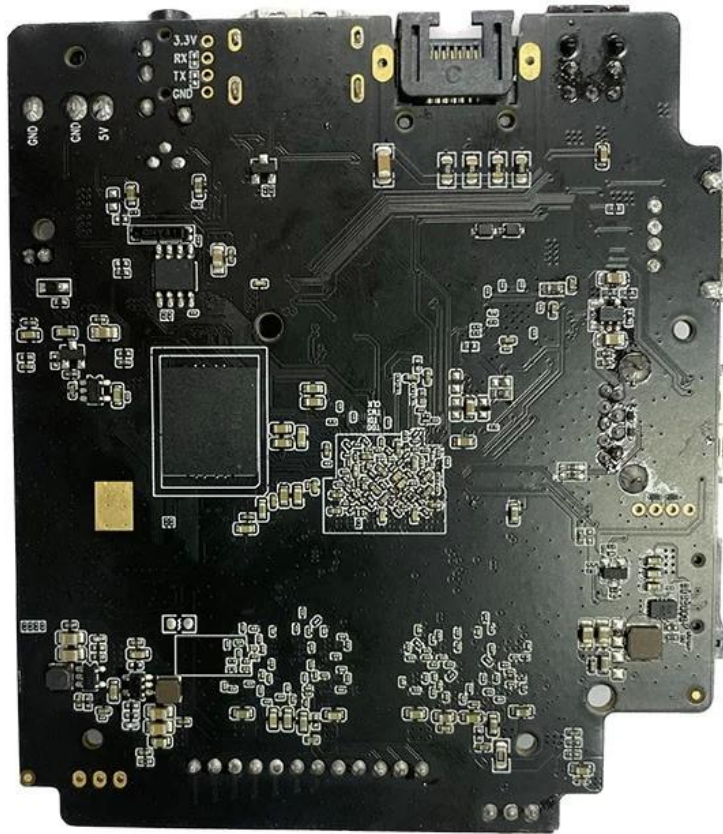
S928X



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







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 chip ensures that you enjoy a seamless, immersive experience.

The Amlogic S928X-J 8K Android TV Box is a premium digital signage player, tailored for advanced performance and seamless operation. As a leading Android-based device, it offers extensive customization options to suit a wide range of digital signage applications. Featuring the powerful Amlogic S928X processor, this player ensures smooth and efficient performance, handling complex tasks and high-resolution content with ease.

Discover the pinnacle of home entertainment with the Best Android TV Box 8K Ultra HD, a device that combines cutting-edge technology with user-friendly features to deliver an unrivaled viewing experience. Designed for those who demand the best in performance and visual quality, this TV box transforms your living room into a home theater.

At the heart of this TV box is a powerful processor coupled with 4GB of RAM, ensuring that even the most demanding apps and games run smoothly. Whether you're streaming high-definition content, switching between multiple applications, or playing the latest games, this device handles it all with ease. The 64GB of internal storage offers ample space for all your favorite apps, games, and media files, ensuring you never run out of space.

The standout feature of this TV box is its 8K Ultra HD resolution. With four times the resolution of 4K, 8K Ultra HD delivers unprecedented clarity and detail, bringing every scene to life with stunning realism. Whether you're watching the latest blockbuster, a nature documentary, or your favorite TV show, the vibrant colors and sharp details will captivate your senses and provide a truly immersive

viewing experience.

This Android TV box features a user-friendly interface that is easy to navigate, even for those who are not tech-savvy. It supports a wide range of apps from the Google Play Store, including popular streaming services like Netflix, YouTube, and Amazon Prime Video. With access to a vast library of content, you'll always have something to watch, no matter your preferences.

The device also supports advanced features like HDR (High Dynamic Range), which enhances the contrast and color range of the picture, making every scene more dynamic and lifelike. The combination of 8K resolution and HDR ensures that you get the best possible picture quality, no matter what you're watching.

Connectivity is another strong point of this TV box. It includes multiple USB ports, HDMI output, and support for Bluetooth and Wi-Fi, allowing you to connect various devices and accessories. Whether you want to use a wireless keyboard, game controller, or external storage, this TV box has the versatility to meet your needs.

Setting up the Best Android TV Box 8K Ultra HD is straightforward. Simply connect it to your TV via HDMI, power it up, and follow the on-screen instructions to get started. Its sleek and compact design fits seamlessly into any entertainment setup, without taking up too much space.

In conclusion, the Best [Android TV Box](#) 8K Ultra HD is the ultimate choice for those looking to elevate their home entertainment experience. With its powerful performance, ample storage, breathtaking 8K resolution, and user-friendly interface, it offers everything you need for endless entertainment possibilities. Upgrade your home theater system today and enjoy the best in visual and audio quality with this exceptional Android TV box.