

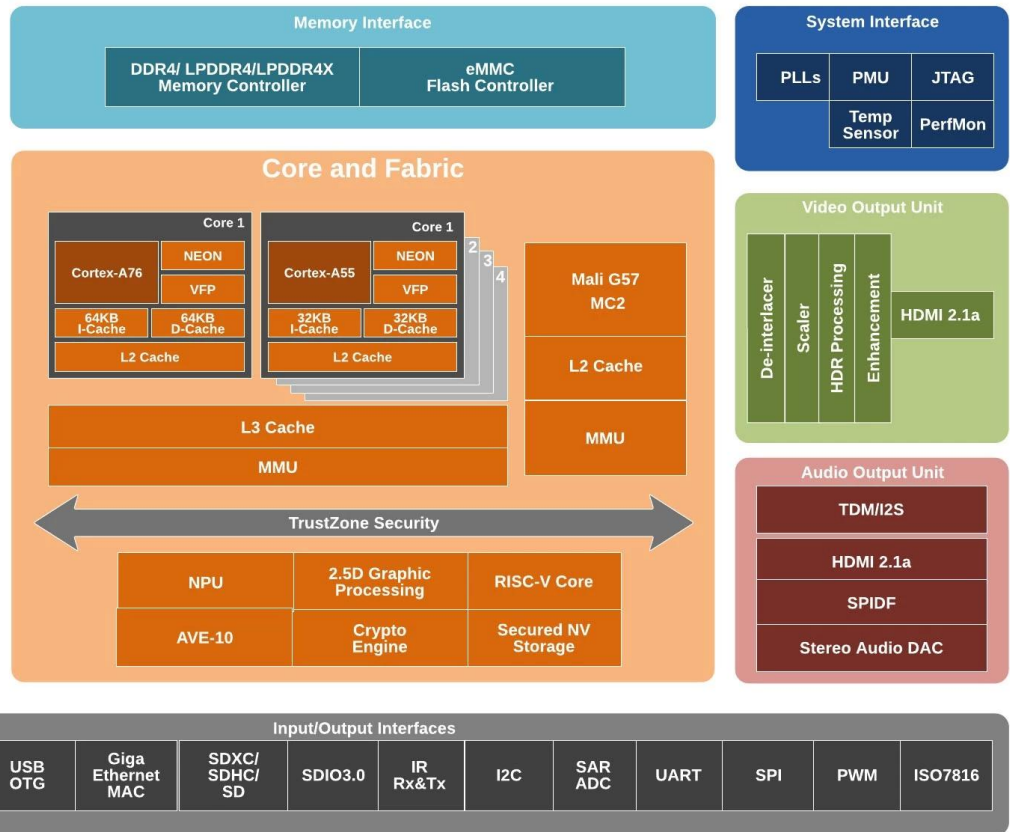
Android TV OEM IPTV

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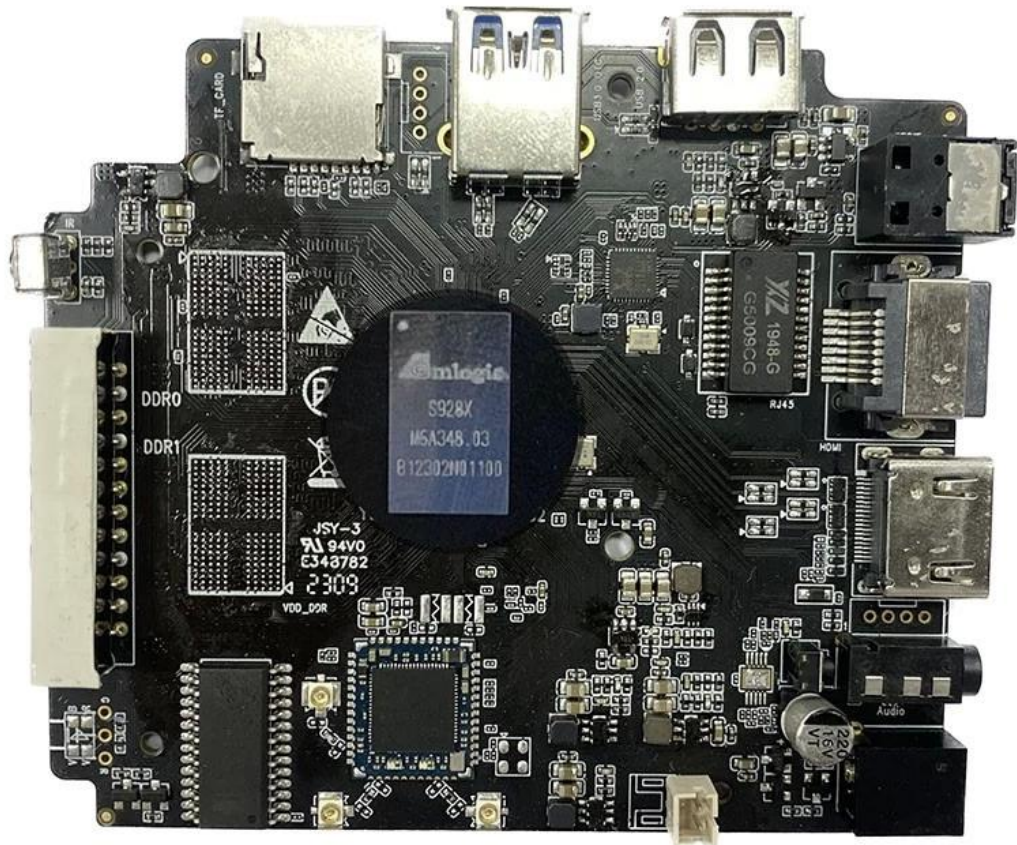
Specifications

Processor	Amlogic S928X-J Android TV
CPU	Amlogic S928X-J ARM Cortex-A76 ARM Cortex-A55
GPU	ARM Mali-G57 MC2, 4K GUI OpenGL ES 3.2, Vulkan 1.2 OpenCL 2.0
Cache	3.2
RAM	DDR4 64 LPDDR4/4X 8GB DDR4266
EMMC	eMMC 5.1, SLC NAND
Video Engine	Amlogic Video Engine (AVE)
AV1	MP-10 @ L6.1 8Kp60
VP9	VP9-2 @ 6.1 8Kp60
H.265	HEVC MP-10 @ L6.1 8Kp60
AVS3	AVS3 1 8Kp60
AVS2	AVS2-P2 8Kp60
H.264	AVC HP @ L5.2 4Kp60
Video Formats	MPEG-4, WMV/VC-1, AVS, MPEG-2, MPEG-1 1080p60
MJPEG	MJPEG JPEG (ISO/IEC-10918)
4K	4x 4Kp60
JPEG	JPEG 4Kp60
H.265	H.265 4Kp60
H.264	H.264 4Kp60
TruLife	Amlogic TruLife 8 Dolby Vision (HDR10, HDR10, HLG) HDR Vivid
TPU	Tensor Processing Unit (TPU) 3.2 TOPS TensorFlow Caffe
HDMI	HDMI 2.1a PHY CEC, Dynamic HDR HDCP 2.2/2.3, 8Kp60 eARC, VRR, QMS, QFT, ALLM, DSC & SBTM
Audio	MP3, AAC, WMA, RM, FLAC, Ogg Vorbis, Opus, SRS TruVolume, Dolby Audio (Dolby Digital, DTS) 7.1/5.1
VAD	VAD
SPDIF	SPDIF 192KHz 16/24/32 3x TDM/PCM/I2S TDM/PCM 48kHz x 32 x 32ch 192kHz x 16 x 16ch I2S 384kHz x 32 x 16ch
PDM	PDM CIC, LPF, HPF DMIC 8 DAC
Storage	10/100/1000
USB	1x USB XHCI OTG 2.0, 2x USB 2.0, 1x USB 3.0 (5 Gbps) PCIe 2.0

S928X



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







Amlogic S928X-J 集成 SoC STB 支持 8K UHD 视频播放 ARM Cortex-A76, ARM Cortex-A55
支持 8Kp60 视频播放——AV1, H.265, VP9, AVS3, AVS2 支持 4K GUI, SR 支持 4K 视频播放

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Amlogic S928X-J Smart TV Box 4K HDR10 HLG Android TV 10 Google Assistant Wi-Fi Bluetooth 5.0 HDMI USB

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2. **RAM** :

RAM is the memory that stores data temporarily while the device is powered on. It is used for running applications and the operating system. RAM is volatile, meaning that the data stored in it is lost when the device is powered off.

3. **Storage** :

Storage is the memory that stores data permanently. It is used for storing applications, the operating system, and user data. Storage is non-volatile, meaning that the data stored in it is not lost when the device is powered off.

4. **Processor** :

The processor is the brain of the device. It is responsible for executing instructions and performing calculations. The processor is made up of several cores, each of which can execute instructions independently.

5. **Operating System** :

The operating system is the software that manages the hardware and provides a platform for running applications. It is responsible for tasks such as memory management, file management, and process management.

6. **Applications** :

Applications are the software programs that users interact with. They are used for a variety of tasks, such as communication, entertainment, and productivity.

7. **Services** :

Services are the software programs that run in the background and provide functionality to the operating system and applications. They are used for tasks such as network management, security, and system maintenance.

For more information, visit [Android OEM](#) or [IPTV](#).