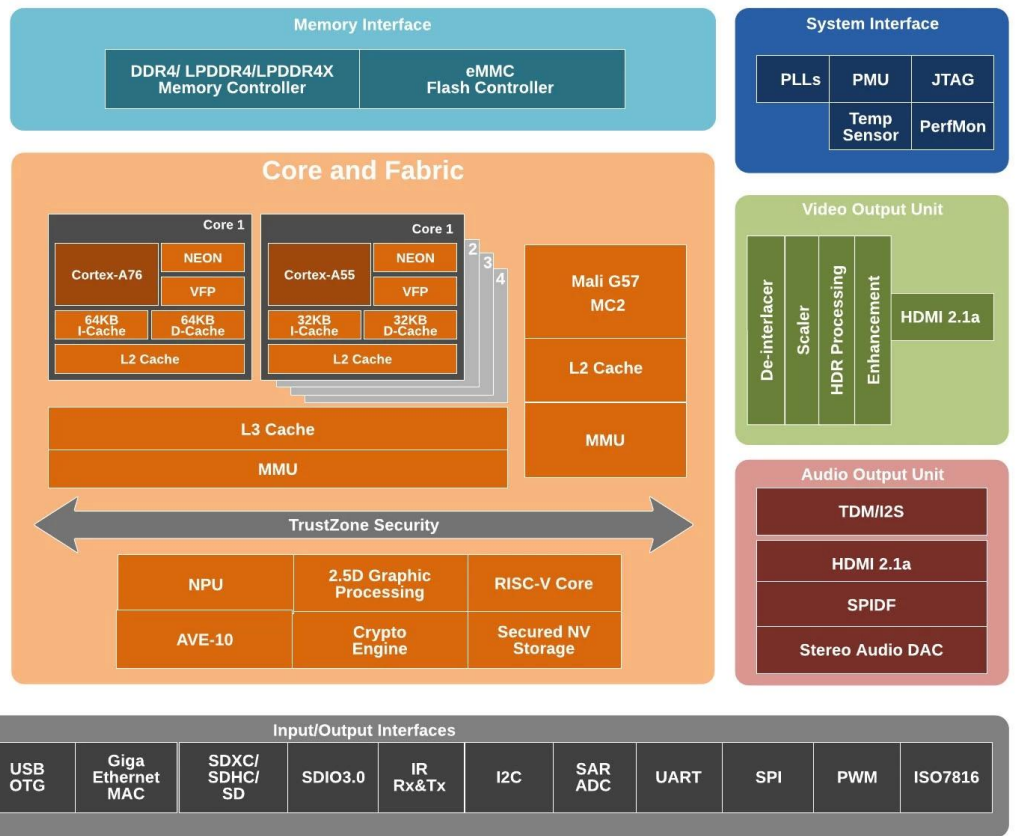


ARM Cortex-A76 S928X

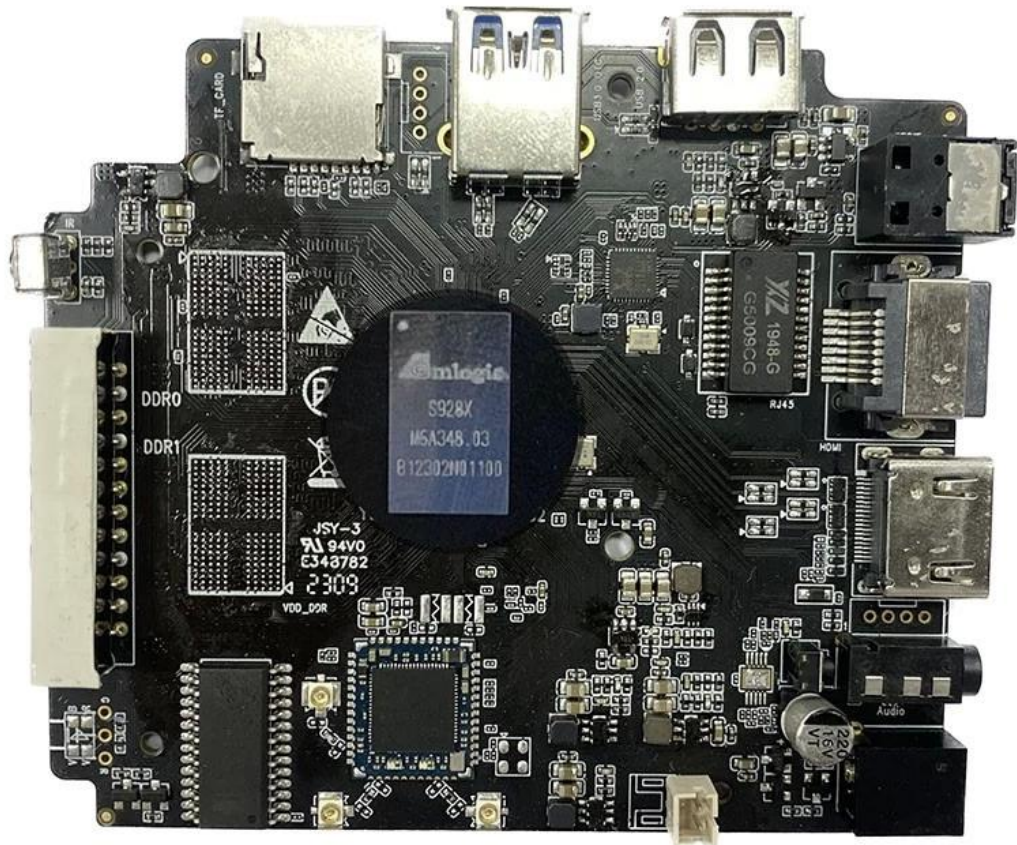
ARM Cortex-A76

| | |
|---|---|
| ARM Cortex-A76 | ARM Cortex-A76 S928X |
| ARM Cortex-A55 | ARM Cortex-A55 |
| ARM Mali-G57 MC2 4K GUI OpenGL ES 3.2 Vulkan 1.2 OpenCL 2.0 | ARM Mali-G57 MC2 4K GUI OpenGL ES 3.2 Vulkan 1.2 OpenCL 2.0 |
| 3.2 | 3.2 |
| DDR4 64 LPDDR4/4X 8 DDR4266 | DDR4 64 LPDDR4/4X 8 DDR4266 |
| eMMC | eMMC 5.1 SLC NAND Flash |
| | Amlogic (AVE) AV1 MP-10 @ L6.1 8 VP9 Profile-2 @ 6.1 8 H.265 HEVC MP-10 @ L6.1 8 AVS3 8 AVS2-P2 8 H.264 AVC HP @ L5.2 4 MPEG-4 WMV/VC-1 AVS MPEG-2 MPEG-1 1080 MJPEG JPEG (ISO/IEC-10918) 4 x 4Kp60 JPEG 4 H.265 4 H.264 4 Amlogic TruLife HDR10 HDR10+ HLG HDR 3.2 TOPS (NNA) TensorFlow Caffe |
| | HDMI 2.1a PHY CEC Dynamic HDR HDCP 2.2/2.3 8 Kp60 eARC VRR QMS QFT ALLM DSC SBTM |
| | MP3 AAC WMA RM FLAC Ogg Vorbis Opus SRS TruVolume Dolby Audio (DTS) 7.1/5.1 VAD |
| | SPDIF 16/24/32 192 3 TDM/PCM/I2S 32 x 32 x 48 16 x 16 x 192 I2S 16 x 32 x 384 PDM CIC LPF HPF 8 DMIC DAC |
| | 10/100/1000 |
| USB2.0 | 1x USB XHCI OTG 2.0 2x USB 2.0 1x USB 3.0 (5) PCIe 2.0 |

S928X



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





Amlogic S928X 8K 4K 60Hz HDR10 HLG

Mali-G31 MP2 OpenGL ES3.2 Vulkan 1.1 OpenCL 2.0

Android TV 10 Google Assistant

Wi-Fi Bluetooth 5.0 HDMI USB Ethernet

Amlogic S928X 8K 4K HDR10 HLG

8K Android Amlogic S928X Wi-Fi HDR 8K USB 3.0 Bluetooth 5.0

TV box Amlogic S928X Android