



Linux +
Android 9.0

4 Core

2.0 GHz

CPU

64 Bit

Frequency

Cortex-A55

Ultimate 8K UHD Streamer

M9

Smart TV Online 2™



M9

Ultimate 4K UHD Streamer

Key spec

System: Linux + Android 9.0
Chipset: Amlogic S905X3 Processor
CPU: 4x Arm Cortex-A55 @ 1.91 GHz
Core: Quad Core
4K 2160p Resolution 75 fps
8K 30 fps support
H.265 decoding
WIFI: Dual Wifi 2,4 / 5 GHz (5G)
Internal Memory : 16GB
RAM : 2G RAM
RAM Type: DDR4
ROM: 16G ROM
Ethernet: RJ45 Gigabit LAN (1000Mbps)
Color: Black

Built in own IPTV middleware :
Smart TV Online 2™

Product look



Video & Audio

Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders
Support multi-video decoder up to 4x1080P@60fps
Supports multiple "secured" video decoding sessions and simultaneous decoding and encoding
Video/Picture Decoding
VP9 Profile-2 up to 8Kx4K@30fps
H.265 HEVC MP-10@L5.1 up to 8Kx4K@30 fps
AVS2-P2 Profile up to 8Kx4K@30 fps
H.264 AVC HP@L5.1 up to 4Kx2K@30fps
MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
WMV/VC-1 SP/MP/AP up to 1080P@60fps
AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
RealVideo 8/9/10 up to 1080P@60fps
Multiple language and multiple format sub-title video support
MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)
Supports JPEG thumbnail, scaling, rotation and transition effects
Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats

Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing
Low-power VAD
Built-in serial digital audio SPDIF/IEC958 input/output and PCM input/output
Built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x 32bits x 16ch or 96kHz x 32bits x 32ch 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
Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM

Firmware Information

System: M9 IPTV middleware
Smart TV Online 2™ Integrated

System Bit: 64Bit
<Smart TV Store> Integrated
Software auto update
<Smart TV Store> auto update

Product details

Bluetooth 5.0
Interface: AV, DC 5V, HDMI, LAN, RJ45, TF card
USB Port: USB3.0, USB2.0
SD Card Reader integrated
Language: Multilanguage
HDMI Version: 2.1
HDMI Function: HDCP

Power

Type: External Power Adapter Mode
Input: 5V / 2A