

Amlogic S912
Octa-Core

4K x 2K
UHD Output,
HD 2.0a



Mali-T820MP3
GPU@750MHz

Android 6.0.1
Marshmallow

2GB DDR3
16GB Flash

Bluetooth
4.0

2.4G/5.8G/
802.11
b/g/n/ac

Datasheet V1.1

SIV1010S Android TV Box:

The SIV1010S is an Android TV box built with Amlogic S912 Octa-Core processor. It is an Internet TV box that supports Video/ Picture Decoding for VP9 Profile-2/H.265/H.264 AVC HP/H.264 MVC/MPEG-4 ASP/WMV/VC-1 SP/MP/AP/AVS-P16(AVS+) /AVS-P2 JiZhun Profile/MPEG2 MP/HL/MPEG1 MP/HL/RealVideo 8/9/10 and so on. It can interoperate with any IPTV headend and middleware to implement Tvod, Vod, Billing features and encode different TV channels. The SIV1010S comes with 3* USB Host Ports and 1*USB Device, it can be managed/controlled with an IR Remote Controller or USB keyboard and mouse. Its system can be built with your own Apps (E.g. Market for APP download) for value added services.

Main Features:

- Android 6.0.1 OS with ARM Cortex-A53 Octa-Core CPU 64-bit 2GHz and Penta-Core GPU with Mali T820 750MHz
- Supports many IPTV (Interactive Personality TV) and OTT TV programmers
- Supports four main HD formats : VC-1, H.264,H.265, MPEG-2 and many other formats as MPEG-1/2/4, DIVX, RealVideo, etc.
- Max resolution: 3840 X 2160 UHD Output, HD 2.0A
- Supports 2GB DDR3 (Option: 1GB ~ 3GB)
16GB Nand Flash ((Option: 8GB ~ 64GB)
- Built on Android 6.0.1 Operating System
- GPU: Penta-core Mali-T820MP3 GPU @ 750MHz
- Video formats include AVI, MPG, VOB, RMVB, MKV, M2TS and TS and so on
- Photo formats include JPEG, BMP and PNG without size limitation
- Audio formats include MP3, WMA, WAV, AC3, DTS, AAC and so on
- Supports Micro SD card (4GB/8GB/16GB/32GB/64GB)
- Supports two USB 2.0 connectors with maximum output current of 1.5A/5V

- Supports standard RJ45 cable network connection and wireless network connection

Technical Parameters

Hardware Parameters:

- CPU: Amlogic S912 Octa-Core ARM Cortex-A53 64-bit @2GHz
- GPU: Penta-core Mali-T820MP3 GPU @ 750MHz
- Memory : 2GB DDR3 (Option: 1GB ~ 3GB)
- Flash : 16GB Nand Flash ((Option:8GB ~ 64GB)
- Supports LED display for working status: Powering up and working (Blue), Standby (Red)
- Built in with 802.11 b/g/n/ac Wi-Fi module,
- Supports Hardware 3D graphics acceleration
- Comes with IR remote controller
- Product dimension : 165*110*25 mm
- Unit packing (LxWxH) : 185*140*80 mm
- Unit packing (G.W.) : 0.6Kg
- Power Supply: DC 5V/2A
- Standby Power : <0.5W

Hardware Interfaces:

- 3* USB Host Port and 1*USB Device
- 1*AV port
- 1*HDMI port
- 1*Optical port
- 1*SD/MMC slot
- 1*10/100M Base-Tx Ethernet Port
- 1*Power jack

Applications :

- Online : Browse all video websites, support Netflix, Hulu, Flixster, Youtube, etc.
- Apps : Apps download freely from android market, amazon app store , etc.
- Medium : Local Media playback,Support HDD, U Disk ,SD/MMC Card
- Talk online : Support SKYPE video call ,MSN , facebook ,twitter ,QQ , etc.

Software Parameters:

- Built on Android 6.0.1 Operating System

Video :

- AMLogic video Engine(AVE)with dedicated hardware decoders and encoders
- Supports multiple "secured"video decoding sessions and simultaneous decoding and encoding
- Video/Picture Decoding
 - VP9 Profile-2 up to 4K*2K@60fps
 - H.265/ H.264
 - MPEG-4 ASP/ WMV/VC-1/ AVS-P16(AVS+) /AVS-P2/ MPEG2 MP/HL/ MPEG1 MP/HL/ RealVideo 8/9/10
- Low latency 1080P H.264 60fps encoder
- HDR10 and HLG HDR Video Processing
- Supports *.mkv,*.mpg,*.wmv,*.mpeg,*.dat,*.avi,*.mov,*.iso,*.mp4,*.rm and *.jpg file formats
- Video/Picture Encoding
 - Independent JPEG and H.264 encoder with configurable performance/bit-rate
 - JPEG image encoding
 - H.264 video encoding up to 1080P@60fps with low latency

Audio :

- Low power Media CPU with DSP audio processing
- Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/5.1 down-mixing
- Built-in stereo audio DAC
- Built-in SPDIF/IEC958 and PCM serial digital audio input/output
- Supports concurrent dual audio stereo channel output with combination of analog+PCMo or I2S+PCM

Image:

- HD JPEG、BMP、GIF、PNG、TIF

Language

- English, French, German, Spanish, Italian etc multilateral languages

Packaging Information :

SIV1010S IPTV Box * 1 PC
HDMI Cable * 1 PC
DC 5V, 2A Power Supply * 1 PC
User Manual *1 PC

Box

IR Remote *1 PC