Q50102T
Allwinner

SPECIFICATIONS

OTT System

➤ **SoC:** Allwinner H313/H616

➤ **CPU:** ARM Quad Cortex-A53 up to 2GHz

➤ **GPU:** G31 supports OpenGL ES 1.0/2.0/3.2,Vulkan 1.1,OpenCL 2.0

➤ **DRAM:** DDR3 1GB(default)/2GB(Optional)

➤ **FLASH:** EMMC 8GB(default)/16GB(Optional)

➤ **BLUETOOTH:** BT5.0(Optional)

➤ **OS:** Android 10.0

Network (GPON)

➤ SoC: MTK EN7526FCU/B

➤ WIFI: 2.4GHz 802.11 a/b/g/n,300Mbps

➤ Compliant with ITU-T G.984 GPON standard

➤ Management:TR069 or SNMP

Connectors

➤ RJ45(1GE and 1FE) ,1FXS, HDMI 2.0 ,AV,USB2.0 X2, TF card(Optional)

Power Interface

➤ DC Input

Other Interface

➤ Front Panel: IR receiver

MEDIA

VIDEO DECODER

➤ Supports video decoding up to 4K@60fps

➤ Supports H.265 Main10@L5.1 up to 4K@60fps

➤ Supports VP9 Profile 2 up to 4K@30fps

➤ Supports AVS2 JiZhun 10bit Profile up to 4K@30fps

➤ Supports H.264 BP/MP/HP@L4.2 up to 4K@30fps

➤ Supports H.263 BPupto 1080p@6ofps

➤ Supports MPEG-4 SP/ASP@L5 up to 1080p@60fps

➤ Supports MPEG-2 MP/HL up to 1080p@60fps

➤ Supports MPEG-1 MP/HL up to 1080p@60fps

➤ Supports xvid up to 1080p@60fps

➤ Supports Sorenson Spark up to 1080p@60fps

➤ Supports VP8 up to 1080p@60fps

➤ Supports AVS/AVS+JiZhun Profile up to 1080p@60fps

➤ Supports WMV9/Vc1 SP/MP/AP up to 1080p@60fps

➤ Supports JPEG HFIF file format up to 45MPPS

MEDIA

AUDIO DECODER

- Two audio digital-to-analog(DAC) channels
- Supports 16-bit and 20-bit sample resolution
- 8 kHz to 192 kHz DAC sample rate
- 95±2dBSNR@A-weight,-80+3dB THD+N, output Level more than 0.55Vrms
- one audio output
- One differential LINEOUTP/N or single-ended LINEOUTL/R output
- Supports Dynamic Range Controller(DRC) adjusting the DAC playback
- One 128x24-bits FIFO for DAC data transmit
- DMA and Interrupt support **(AC-3 Optional)**

FEATURES

4K

- H.265 decoding up to 4Kx2K@60fps, Support 4Kx2K max resolution output

Network Streaming

- HTML5, RTSP , HLS, Smooth streaming

Multi-screen interactive

- Miracast, DLNA and Airplay

System Upgrading

- Upgrading via USB disk or SD card, internet

Local Media Playback

- Video/Audio/Picture

External Storage

- USB storage, TF card max to 32GB (FAT32/NTFS)

Games

- Android 2D/3D games

APP

- YouTube, Skype etc.

OTHER PERAMETERS

Input Voltage

➤ DC 12V/1.0A

Power Consumption

➤ 10W Max

Operation Temperature

➤ 0~40℃, Humidity<95%

Physical characteristics

➤ SIZE: 176mmX113 mmX30 mm

➤ WEIGHT: 260g

➤ MATERIAL: ABS

Proposed Accessory

➤ Remote control (7 # Batteries), HMDI Cable(1M), AV Cable, Power Adapter, Manual

NOTE

➤ Optional non-standard product configuration, if the choice will affect the product cost, please communicate with the sales