Product Name: Enjoy TV Quad Core Box
Model: ATV1820A

Product Features:

Amlogic S802 Quad Core CPU

+ Quad Core A9r4 CPU @ 2.0GHz

+ Mali 450 GPU @ 600MHz

+ 1GB DDR3 memory

+ 8GB EMMC

+ Android OS 4.4

+ Support 4K2K

+ CVBS

+ ATSC digital signal receiver

Mali-450 MP8 GPU

Mali-450 MP8 GPU comes with 8 cores and is designed to maximize reuse of the available resources during graphics operation. Therefore it is able to deliver both performance and power efficiency.
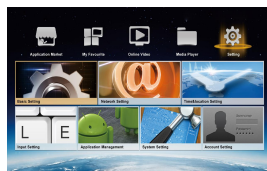
UHD 4K2K

With the powerful GPU, supports UHD (3840×2160) video decoding. UHD 4K2K is the ultra high definition television resolution targeted towards modern consumer television.

Customizable GUI

We provided GUI customization and we have a vast collection of Launcher created by our R&D team for you to choose from.

*All trademarks and logos belong to their respective owners

ShenZhen Geniatech Inc., Ltd.   TEL:+86-755-86028792
FAX:+86-755-26710210   Note: Only For Reference and Not Official Release   *Seeing is believing*

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Product Specification

CPU	Quad Core A9r4 CPU @ 2.0GHz
GPU	Mali 450MP8 @600MHz
RAM	1G DDR3
ROM	8G EMMC
OS	Android 4.4 OS
Optional	DOLBY

USB	USB2.0 x4
HDMI	V1.4a
DC Input	5.0V-2A
SD Slot	Max: 32G
Video Output	HDMI/CVBS
Audio Output	HDMI/RCA
IR Receiver	
RF input	75 Ohm Digital TV Antenna Input；Receive Frequency: TV 48.25 ~ 863.25 MHz
LAN	RJ45 10/100M Ethernet interface
WiFi	IEEE 802.11 b/g/n 2.4G（5.8G Optional）
BT	Optional
Audio Decoder	

Low power MediaCPU with DSP audio processing

Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 5.1 down-mixing

Video/Picture Decoder

H.264 HP @L5.1 up to 4K x 2K@30fps

H.264 MVC up to 1080P@60fps

H.265 HEVC up to 720P

MPEG-1 MP/HL up to 1080P@60fps

MPEG-2 MP/HL up to 1080P@60fps

MPEG-4 ASP@L5 up to 1080P@60fps

WMV/VC-1 SP/MP/AP up to 1080P@60fps

RealVideo 8/9/10 up to 1080P@60fps

Multiple language and multiple format sub-title video support

MJPEG and JPEG unlimited pixel resolution decoding

Supports JPEG thumbnail,scaling,rotation and transition effects

Supports .mkv/.wmv/.mpg/.mpeg/.dat/.avi/.mov/.iso/.mp4/.rm/.jpg files formats

ATSC Solution

Tuner	Support ATSC frequency: 54~862MHz
Demodulator	ATSC compliant 8-VSB

Size	168x132x21mm
Net Weight	402g

User's Guide	HDMI Cable
IR Remote Controller	Optional
Power Adapter	AC100 ～ 240V 50/60Hz
Optional Remote Controller	2.4G wireless Remote Controller with Nano receiver
	USB wire/wireless Mouse & Keyboard

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