

Product Name: Enjoy TV Quad Core Box**Model: APC1295****Product Features:****REALTEK RTD1295PB Quad Core CPU**

- + Quad Core ARM Cortex-A53 CPU with 1M L2 Cache embedded
- + ARM T820 MP3(3-core) GPU –Mali-450 8-core equivalent
- + 2GB DDR4 memory
- + 16GB EMMC
- + Android 6.0

IPv6 1WAN-1LAN router

The APC1295 operates as an IPv6 1WAN-1LAN router and equipped with a high-performance quad-core CPU, ARM Cortex-A53, with 1M L2 Cache embedded.

UHD and HDR

The APC1295 provides a secure environment for a rich operating system, bringing UHD and HDR content to big screens.

HDMI Transmitter and Receiver

The APC1295 supports a comprehensive set of peripherals. An HDMI Transmitter and Receiver with PHY are integrated in the RTD1295. The HDMI interface supports HDCP.

The APC1295 is designed as a cost efficient solution for Ultra High Definition Media Player, Router, OTT Streaming Player, Android TV, DTV Set-top box, or Miracast Wireless Display Adapter.

DLNA

Support DLNA streaming. You can easily stream photos, videos, music from your Android Phone/Pad to the TV.



Rich Applications

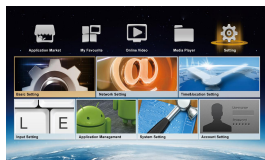
There are over 1 million applications in the market, and supports most famous applications like: Youtube, Facebook, and Twitter, etc...

ARM T820 MP3(3-core) GPU

ARM T820 MP3 GPU comes with 3 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.

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.



Product Specification

CPU	Quad Core ARM Cortex-A53 CPU
GPU	ARM T820 MP3(3-core) GPU
RAM	2G DDR4
ROM	built in 16G, EMMC
OS	Android 6.0
Optional	DOLBY

USB	USB2.0 x 2 + USB3.0 x 1
HDMI	V2.0a
DC Input	12.0V-2A
MicroSD Slot	Max: 32G
Video Output	HDMI/CVBS
Audio Output	HDMI/RCA/SPDIF
Video In	HDMI
IR Receiver	IR Blaster
SATA III	

LAN	RJ45 10/100/1000M Ethernet interface
WAN	

Audio Decoder

Built-in Audio Codec with 24-bit resolution
One I2S interface (2 channels) for Audio input/output
IEC 60958 (SPDIF) digital audio output
7.1 CH down-mix
MPEG I Layer 1, 2, 3 (2-CH) and MPEG II Layer 1, 2 (Multi-Channel)
LPCM, ADPCM, ALAC, FLAC, AAC,WAV, AIFF, VSELP, and OGG Vorbis
DTS HD, Dolby Digital Plus, TrueHD (Licensee Only)
WMA/WMA Pro, Dolby Digital AC3,and DTS (Licensee Only)
LPCM/ADPCM/MP3/AAC audio recording
DTS Broadcast capable (Licensee Only)
Dolby Digital Consumer Encoder capable (Licensee Only)

Video/Picture Decoder

VP9 Profile 0
H.265 MP@L5.1 Main Tier
MPEG1, VCD 1.0/2.0, SVCD
Supports HD MPEG2 (up to MP@HL 1080i), ISO/IFO/VOB/TS
Supports HD MPEG4 SP/ASP (720p/1080i/1080p), Xvid
H.264 BP@L3, MP and HP@L4.2
H.264 MVC SHP@L4.1
VC-1 SP, MP, AP@L3
AVS JZ@L6.2, AVS+ 1080@60P
H.263 Profile0/3@L70 1080@60P
Sorenson Spark L70
Theora 720P
VP8 1080@60P

HD JPEG with 32K x 32K maximum resolution

Full-pixel JPEG decode with high resolution zoom-in

Video up-scaling from SD to Ultra HD (720p/1080i/1080p/2160p)

Supports 24/30/36 bits deep color

Video and Picture Encoding Functions

MPEG 4 SP@L5

H.264 BP, MP, HP@L4.2

H.264 MVC SHP 1080@30P

H.263 Profile3@L70 1080@60P

HD JPEG in high resolution

Video and Picture Color Spectrum

Deliver metadata using SMPTE ST2086,CEA-861.3 through HDMI 2.0a

Support conversion between ITU-R Recommendation BT.2020, BT.709 and other color space

Support SMPTE ST 2084 EOTF/OETF

Size

Net Weight

User's Guide

HDMI Cable

IR Remote Controller Optional

Optional Remote Controller 2.4G wireless Remote Controller with Nano receiver

USB wire/wireless Mouse & Keyboard

Power Adapter AC100 ~ 240V 50/60Hz