

# Mbox-40A Advertising Player Specification

Reviser	Examiner	Approver



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# Chapter 1 Overview

## 1.1 Product overview

The Mbox-40A Advertising Player uses a full A40i Cortex-A7 quad-core CPU, equipped with Android 7.1 system, the main frequency is up to 1.2GHz, the performance is 1.5 times higher than the A20, and the cost performance is high. The GPU uses Mali400 MP2, supports most of the current popular video and picture formats decoding, is your best choice in advertising machines and intelligent terminals.

## 1.2 Product features

- ◆ Adopt the A40i quad-core architecture, Android 7.1 system, ultra-high cost performance.
- ◆ TV + box = Intelligent advertising machine (commercial)
- ◆ TV + Box = Android Smart TV (Home)
- ◆ High imitation apple appearance, light and simple, can be used for home and commercial use.
- ◆ Wifi and Ethernet support (Bluetooth 4.0 optional).
- ◆ Support split screen playback, horizontal and vertical screen playback, boot automatic playback.
- ◆ Support picture and video carousel, support rolling subtitles and WORD, EXCEL, PPT.

### 1.3 Appearance and Interface Diagram

Interface detail identification



## Chapter 2 Product hardware index

### Basic configuration

CPU Allwinner A40i quad-core, main frequency up to 1.2GHz

Memory Standard 1G

Storage Standard 8G

OS Android 7.1

### Basic interface

DCIN 12V 2A

HDMI Standard support 1920\*1080

AV IN/

Headphone 3.5mm AVIN input /3.5mm headphone output

Storage card TF card slot \*1

### Network connection

wifi Realtek 8188/8732(WIFI+BT)

RJ45 network port 100M

### Physical/electrical characteristics

Dimension 138\*98\*25mm

Fixed mode Desktop (standard)

Operating temperature 0-60°C

Storage temperature -20-70°C

Operating humidity 95%@40°C

Basic function Support advertising function, support LAN, WAN network control, play HD 1080p video, pictures, flash, PPT, text, weather forecast, clock, screen segmentation, multi-touch and so on

Accessories 12V2A power adapter\*1 HDMI wire\*1 remote control\*1

Warranty period 1 year

## Chapter 3 Power and Product Maintenance

### 1. Power adapter

For your personal safety and the normal use of this product, please make sure that the AC power supply you provide meets the input information marked on the back of the product's power adapter. Please use a three pin plug power socket with a reliable grounding terminal.

It is recommended to use the original power adapter of this machine. When the original power supply cannot be used under special circumstances, be sure to use the power adapter of the same specification.

### 2. Input characteristics

Input voltage range: from 90Vac-264Vac, one-way input.

	min	Rating	max
Input voltage	90Vac	100Vac-240Vac	264Vac
Input frequency	47Hz	60Hz/50Hz	63Hz

### 3. Output characteristics

Static Output Characteristics <Output & Ripple + Noise>

Output Rating	Rated Load		Output voltage range	Ripple and noise	Remarks
	Min.	Max.			
+12.0V	0A	2A	+/-5%	50mVp-p	

# Chapter 4 Assembly and use precautions

Please read the instructions and safety instructions of this guide carefully and strictly follow them during use. This will help prevent damage to the computer mainframe, extend the service life, ensure your normal use and computer maintenance, and ensure your personal safety.

1. Please read the relevant documents attached directly, if you have a folder, please be sure to read it first.
2. Follow all safety warnings and signs on this product.
3. Please use the original power adapter or only use the product according to the type of power supply indicated in this product.
4. In thunderstorms, please do not plug or unplug the network cable, power cord and other electrical conductors that may be connected to the outside world.
5. Unplug the power before cleaning the product. Do not use liquid, spray or wet cloth to clean.
6. To avoid damage to the operating system, motherboard and hard disk, do not press the power switch or reset button of the host continuously, try to avoid sudden power failure or abnormal shutdown during operation, and do not move or shake the host when it is turned on. The operating system or hardware may be damaged.
7. Please do not disassemble the machine. Do not attempt to repair the product yourself. Please have this work done by an authorized professional.
8. Don't put your computer near a heat source.
9. Do not spill water or other liquids onto the computer. If any of the following occurs, unplug the power supply immediately. The following special circumstances require professional maintenance personnel to repair.
  - a. The power cord or plug is damaged.
  - b. A conductive liquid is splashed into the product.
  - c. The product has been dropped or the product casing has been severely damaged.
  - d. Unexplained errors or significant performance changes in the product cannot be ruled out after regular failure guidelines.

## Chapter 5 Common Troubleshooting

MBOX-40A Advertising Players have been rigorously tested before leaving the factory. The products are durable and the problems encountered during use may be caused by the settings and operations encountered during your use. Or some device compatibility issues. This common troubleshooting information can help you resolve some simple operational issues or identify the cause of a repair failure.

1	The computer did not respond after booting.	Please confirm that the host and monitor are powered normally and the host adapter is powered.
2	The host automatically shuts down for no reason.	Please check if the power is off and the power adapter is loose.
3	The host automatically restarts without cause.	Check whether the temperature of the host is too high and whether the system is normal.
4	Display image but no sound when playing video.	Check whether the audio output device is normal, whether it is silent, and whether the sound card driver is properly installed.
5	Network cannot connect.	Check whether the network connection or routing device is normal, whether the NIC driver is normal, whether the network parameter Settings are normal, and whether the ISP service is expired.
6	External USB device is not recognized.	Check whether the device functions properly and the driver is installed properly.

Note: 1) If the host accidentally enters water or infiltrates conductive liquid, please cut off the power immediately, wipe the liquid with a paper towel, and do not blow it with a hot air blower. If the situation is extremely serious, it is recommended to contact the after-sales service immediately for consultation or inspection.

2) If the main unit is damaged due to the accidental sliding of the main unit, the main board is damaged. Please contact the after-sales service immediately for repair.