User Manual

Openwrt ONE

Before using the device for the first time, please read this manual to set up the device.
The product name and model can be found on the device nameplate.

01/Connection

Prepare the Openwrt ONE motherboard with a 15V PD powered USB power adapter. Connect the Openwrt ONE to power through the power adapter to start the router.

Use an Internet cable to connect to the WAN port of the device.

Connect the master terminal device to the router (mobile phones, tablets and other wireless master terminals can

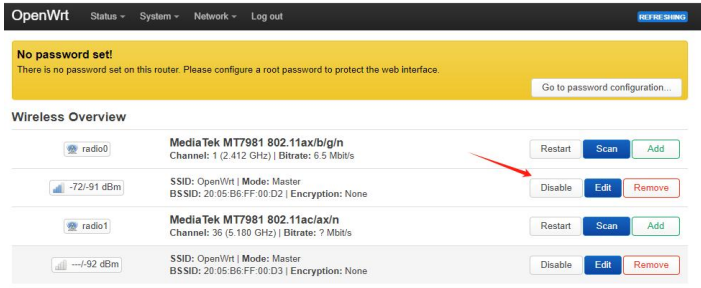
connect to the WIFI, computers can use the network cable to connect to the LAN port of the router).

02/Management

On the computer or mobile phone connected to the router, open the browser and visit "192.168.1.1" to enter the management interface.

In the network Settings, the ip mode is set to automatic acquisition, and the corresponding mode can also be changed according to specific requirements.

In the wireless network, you can set the WIFI according to your own needs.



03/Button

RES	Reset button
USR	User-defined keys

04/Indicator light

ERR	Fault indicator light
OK	Start status indicator
BOOT	Guide status indicator

04/Partial interface

CONSOLE interface

The use of the type-c interface can be used to debug the device.

USB interface

This interface can be used to carry out the corresponding functions of USB2.0 device.

Product diagram

04/Frequently Asked Questions

Q 1: Why are there two stalls NAND and NOR?

Gear makes it easier to recover from image damage. NAND will keep the main loader (U-Boot) and the Linux image and will be the default boot device. NOR will be write-protected by default (WP jumpers are available on the board) and will retain the recovery bootloader (along with other necessary data such as Wi-Fi calibration), and a dedicated boot select switch will allow switching between NOR and NAND.

Q2:What should I do if I fail to access 192.168.1.1?

If you are logging in via a mobile phone or other wireless device:

- Make sure you have successfully connected to the router's Wi-Fi.
- When logging in with a mobile phone, make sure that your mobile data traffic is turned off.

If you are logging in via a computer:

- Enter 192.168.1.1 in the browser address bar (not the search bar)

- Make sure the computer is connected to the router's LAN port (such as 1, 2, 3) and the network cable is connected normally without looseness.
- Make sure the computer is set to automatically obtain an IP address and automatically obtain a DNS server address. If you still cannot log in after the above operations, please restore the router to factory settings and try again.

Safety Information

Before using and operating this device, please read and follow the precautions below to ensure stable performance and avoid dangerous or illegal situations.

-When using desktop installation, the device needs to be placed on a stable surface.

-Please use the matching power adapter.

-The power plug is used as a device to disconnect the power supply.

-The power socket should be installed near the device and easily accessible.

-Unplug the power supply and all cables of this device during thunderstorms or when not in use for a long time.

-If the power plug or power cord is damaged, do not continue to use it.

-If the device has abnormal phenomena such as smoke, abnormal noise, or odor, please stop using it immediately and cut off the power supply, unplug all cables connected to the device, and contact after-sales.

-Do not disassemble or modify this device and accessories without authorization, otherwise, the device and accessories will not be guaranteed and may also cause danger.

Declaration of Toxic and Hazardous Substances in Electronic Information Products						
Part Name	Toxic and hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium(Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Structural parts	○	○	○	○	○	○
Board/circuit module	×	○	○	○	○	○
Power adapter	×	○	○	○	○	○
Cable	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

This form is compiled in accordance with the provisions of SJ/T 111364.

○: Indicates that the content of the hazardous substance in all homogeneous materials of this component is below the limit requirement specified in GB/T 26572.

×: Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirement specified in GB/T 26572G. However, due to the limitations of global technological development, there is currently no mature alternative solution in the industry.

Due to product version upgrades or other reasons, the content of this document will be updated from time to time. All information in this document is for guidance only and does not constitute any form of warranty.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.