

ZLT W304VA PRO User Manual

V1.0

Thank you for choosing our router products,for your better use of the product, please read this manual in detail, after reading please keep it for future reference.

We reserve the right to modify the technical parameters and specifications of this manual, and we will improve this manual in time for printing errors and inconsistencies with the latest information. All changes will not be notified in advance, the company reserves the right of final interpretation.

ZLT W304VA PRO is a WIFI6 wireless dual-band router that supports one 2.5G WAN/LAN port, three Gigabit LAN ports, one RJ11 voice port(optional), one USB port,.Among them,the WAN port supports standard protocol PoE power supply, can provide 15W PoE power supply capacity.The device highest support 160MHz bandwidth, support NFC fast connection, can provide fast and high-speed wireless network access for industry applications, home.

1. Main technical indicators of product

- Working temperature: 0°C -- +40°C
- Relative Humidity: 5% - 95%
- Power supply: Input AC 100V~240V, 50Hz~60Hz
Output DC 24V/1.0A
- Size: 230*140.5*150mm
- Weight: 470g

2. Installation instructions

- 1) Take out the wireless data terminal and connect the terminal using a standard RJ45 cable.
- 2) Connect the external power socket and the data terminal with the power adapter, and the data terminal will turn on automatically after power on. After about 1~2 minutes, the data terminal completes initialization.
- 3) Place the data terminal on a flat area.

3. About the data terminals

3.1 Description of buttons and interfaces

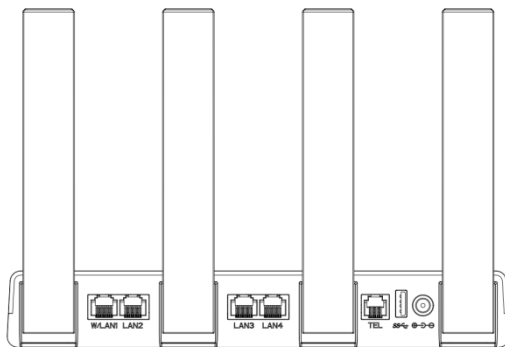


Figure 1 Interface

Interface/ Button	Description
Power port	Power port to connect to the supplied power adapter.
RESET	Reset button,press and hold for 6 seconds to restore factory settings.
WAN	WAN port support standard protocol POE power supply, support uplink device communication.
LAN	Connection to wired network/computer, etc.
TEL(optional)	RJ11 voice port,can be connected with phone.
USB	Used for data transmission, can also be connected to an external 5V power supply device.

3.2 Indicators

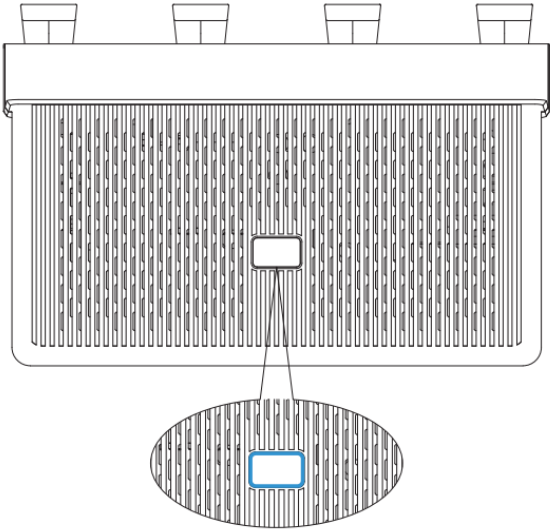


Figure 2 Indicators

Indicator Type	Description
Green (Bright)	Normal working condition.
White (Flashing)	Restored to factory settings or in the process of upgrading.

3.3 NFC

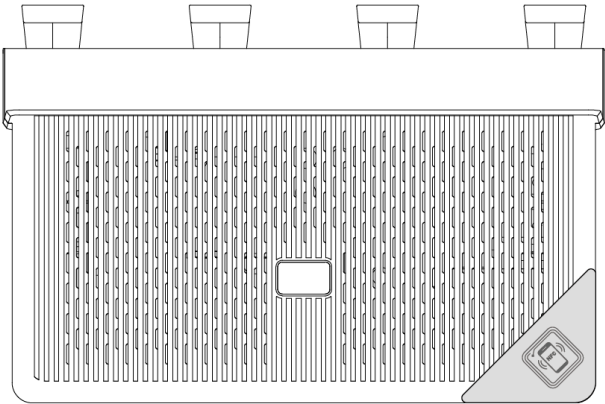


Figure 3 NFC Label

Function	Description
NFC	Tap the NFC area at the lower right corner of the data terminal with your NFC-enabled Android device, and then click "Connect" to connect to Wi-Fi when the phone shows the connection prompt.

4. Configuration of data terminals

4.1 Wi-Fi Configuration

After connecting the router to an uplink network (e.g. ADSL modem, optical modem, router, CPE or in-home broadband, etc.) and powering on the router, configure the router via webpage.

- ① Connect your cell phone/computer to the router Wi-Fi, see the nameplate at the bottom of the router for the default name and password of the Wi-Fi.
- ② Open the browser and enter the management URL, after the login screen appears, enter the management user name/password and login, please see the nameplate at the bottom of the router for the management user name/password.
- ③ Please set the Internet access mode and parameters according to the actual situation.
- ④ In Wi-Fi Configuration, set the name, encryption method and password of 2.4G Wi-Fi and 5G Wi-Fi according to your needs and click "Save", wait for some time, and then you can use it normally after the Wi-Fi reboot takes effect.

4.2 Router Network Expansion

Expand the network by adding a new router (slave router) to cover all blind spots in your home network.

Method 1: Wireless Networking

- ① Follow "Wi-Fi Configuration" to complete the configuration of the master router, and confirm that the indicator light is always on green.
- ② Turn on the power of the slave router, and the indicator light will be on.

- ③ Click the LINK button of the master router and slave router respectively within 2 minutes, when the indicator light of the slave router changes from flashing blue to bright blue, it indicates that the networking is successful; when the indicator light of the slave router changes from flashing blue to flashing red rapidly, it indicates that the networking fails..
- ④ Use the configuration information of the master router to access the network.

Method 2: Wire Networking

Connect the WAN port of the slave router to any LAN port of the master router with a network cable, touch the LINK button of the master router and the slave router respectively, when the indicator light of the slave router changes from blue flashing to bright blue, it indicates successful networking; when the indicator light of the slave router changes from blue flashing to red flashing rapidly, it indicates failure of networking.

5. FAQ

Q1: What should I do if I can't open the router management interface?

- a. Please make sure your cell phone or computer is connected to the device's Wi-Fi.
- b. Please make sure the cell phone or computer is automatically obtaining IP address and automatically obtaining DNS server address.
- c. Please make sure the computer is connected to the LAN port of the router, and the indicator light of the computer's network port is on.

Q2: What should I do if I can't get online after the router is set up?

- a. Please make sure the network cable of the router is connected

correctly, pay special attention to some uplink devices with different LAN port services, if you can't access the Internet, you can try to connect the network cable to other LAN ports of the uplink devices.

b. Please check whether the Internet access method selected during the router's setup is in line with the actual line environment and whether the Internet access parameters filled in are correct.

Q3: How to restore the factory settings of the router?

Log in to the router management interface, click "Restore Factory Configuration" button in System Management - System Settings - Restore Factory Configuration page to restore the factory settings of the device. Or press and hold the RESET button when the router's indicator light is on, and release it when you see the indicator light flashing white after 7 seconds, the router will restart automatically after restoring the factory settings.

Q4: Why can't I find the router Wi-Fi signal?

a. Check whether the wireless network has been turned on, if it is off, please turn on the wireless network and retry.

b. Check whether the configuration information of the superior gateway or main router is synchronized, if it is synchronized, you can use the Wi-Fi password of the superior gateway or main router to access directly.

c. Only devices that support 5GHz wireless network can search the 5GHz wireless network name.

Q5: What should I do if the signal is weak in the corners of my home?

The operation process is very simple, please buy another router of this

model for the corner with weak signal, refer to the method of router network expansion.

Q6: What should I do if I forget my router's background management password?

After restoring the router to factory settings, log in to the management webpage according to the user name and password on the nameplate on the back of the router, and configure the router again.

Q7: How many working modes does the router have?

The router supports three modes of operation: bridging (default), routing mode, and relay mode.

a. Bridge Mode: It can be used with a gateway.

b. Routing Mode: After the router WAN port is connected to the uplink device, you need to select the correct network mode (e.g., PPPoE dial-up mode, dynamically assigned IP mode, static IP mode) and configure the corresponding parameters on the router's management page before accessing the Internet.

c. Relay Mode: The router bridges the existing wireless signals to extend the wireless network coverage, and the user can customize the local wireless network information.

FCC Statement

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.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 25 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

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.

Caution!

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