

ZLT W19B6M User Manual

V1.5

Thank you for choosing our company's router products. In order to let you use this product better, please read this manual carefully, and please keep it for future use. The company reserves the right to modify the technical parameters and specifications of this manual, and we will promptly improve the printing errors and inconsistencies with the latest information in this manual. All changes will not be notified in advance, and the company reserves the right of final interpretation.

ZLT W19B6M is a high-performance Wi-Fi 7 Wireless Router terminal that supports one 10G WAN port, one 10G LAN port, four 1G LAN ports, two RJ11 voice ports and 2.4G+5G+6G tri-band Wi-Fi hot spot (AP). It can provide fast and high-speed wireless network access for industrial applications and families.

1. Main technical indicators of product

- Operating temperature: 0℃ -- +40℃.
- Relative Humidity: 10% -- 90%.
- Power supply: Input AC 100-240V~50/60Hz, 1.2A MAX
Output DC 12V/3A.
- Size: 230mm*40mm*250mm.
- Weight: <1.6Kg.

2. Installation instructions

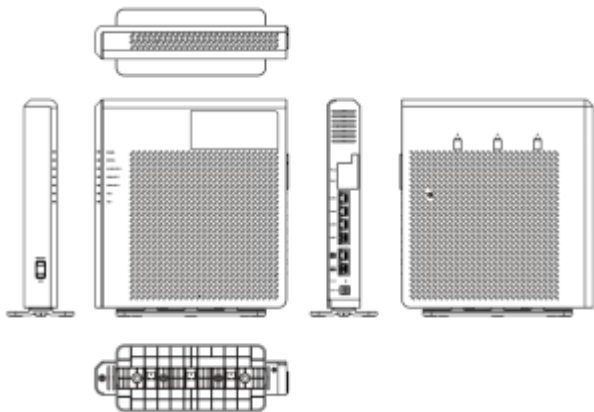
1. Take out the wireless data terminal and connect the terminal with a standard RJ45 network cable.

2. Use the power adapter to connect the external power socket and the data terminal, and the data terminal will automatically turn on after power on. After about 1~2 minutes, the data terminal completes initialization.
3. Place the terminal on a flat place.

Attention:

1. The working temperature range of this product is 0~40℃, please operate between this temperature range.
2. Please use the adapter specified for this product to prevent abnormal operation of the data terminal.

3. About the data terminals



Picture 1 Interface diagram

3.1 Description of keys and interfaces

Interface Description	Definition	Description
Power Jack	Power Interface	For connecting the power adapter (12V/3A input)
RESET	Reset Button	For restoring the device to factory settings. In the working state of the device: Press and hold for more than 6 seconds until all indicator lights flash, and the device returns to its factory settings.
WAN	WAN Port	For connecting the Superior Optical Cat LAN Port, home network cable or LAN port of the superior router.
LAN	LAN Port	For connecting to a computer or other devices network port.
WPS	WPS Button	When the MESH function is turned off, the button serves as the WPS button. Press and hold the WPS button for 1 to 6 seconds to enable the 5G Wi-Fi WPS function, and the POWER light will flash. Hold for 6 seconds or longer to enable the 2.4G Wi-Fi WPS function, and the POWER light will flash. When the WPS connection is successful, the light will stop flashing. When the MESH function is enabled, the button serves as the MESH button. Press and hold the WPS button for less than 3 seconds to initiate mesh networking.
RESTART	RESTART Button	Press and hold for more than 5 seconds to restart the device.

3.2 Indicator of light

Category	State	Description
POWER	Green (Always on)	Power on
	Orange flashing slowly	WPS connection is being set up or when the restart button is pressed for 5 seconds.
	Orange flashing quickly	WPS connection is fail(It will return to green light on after 2 minutes).
	Orange (Always on)	WPS connection is successful (It will return to green light on after 2 minutes).
	Light off	No Power.
STATUS	Green (Always on)	Connecting to the Internet.
	Red flashing	Firmware update.
	Light off	Not connected to the Internet.
2.4GHz Wi-Fi	Green (Always on)	2.4GHz Wi-Fi is enabled.
	Light off	2.4GHz Wi-Fi is disabled.
5GHz Wi-Fi	Green (Always on)	5GHz Wi-Fi is enabled.
	Light off	5GHz Wi-Fi is disabled .
6GHz Wi-Fi	Green (Always on)	6GHz Wi-Fi is enabled.
	Light off	6GHz Wi-Fi is disabled.

4. Configure the router

4.1 Wi-Fi configuration

After connecting the router to the uplink network (such as broadband modem, optical modem, router, CPE or home broadband, etc.) and powering on, configure the router through the web page.

- ① Connect the mobile phone/computer to the router Wi-Fi, the Wi-Fi name and password please check nameplate at the side of the router.
- ② Open the browser to access the management website. After the login interface appears, enter the management user name/password and log in. See the nameplate at the side of the router for details.
- ③ Please set the Internet access mode and parameters according to the actual situation.
- ④ In the Wi-Fi configuration, set the name, encryption method, password, etc. of 2.4G Wi-Fi, 5G Wi-Fi and 6G Wi-Fi as needed, and click "Save", wait for a while, after Wi-Fi restarts to take effect, then it can be used normally;

4.2 Router extended network

Expand the network by adding a router (sub router), so that the network coverage at home has no blind corner. On the premise that the MESH configuration switch (Device-MESH Networking-Basic settings) is turned on, the sub router can automatically synchronize the wireless network configuration of the master router.

Method 1: Wireless Mesh networking

- ① Complete the configuration of the master router according to "Wi-Fi Configuration", and confirm that the indicator light is always green;
- ② Turn on the power of the sub router, and the indicator light will be on  
- ③ Within 2 minutes, tap the WPS button of the master router and the sub router for 1 to 3 seconds. When the indicator light of the sub router changes to green flashing quickly, it means that the networking is

successful.

- ④ Use the configuration information of the master router to access the network.

Method 2: Wired Mesh networking

Use a network cable to connect the WAN port of the sub router to any LAN port of the master router, tap the WPS button of the master router and the sub router respectively, When the indicator light of the sub router changes from flashing green to always on , it means that the networking is successful.

V. FAQ

Q1: What should I do if I cannot open the router management website?

1. Please make sure that the network cable of the router is connected correctly.
2. Please make sure that the computer obtains the IP address automatically and obtains the DNS server address automatically.
3. Please make sure that the computer is connected to the LAN port of the router, and the indicator light of the computer network port is on.

Q2: What should I do if I cannot access the Internet after the router is set up?

1. Please make sure that the network cable of the router is connected correctly. Pay special attention to the different services of the LAN port of some uplink devices. If you cannot access the internet, you can try to connect the network cable to other LAN ports of the uplink device.
2. Please check whether the selected Internet access method conforms to the actual line environment and whether the filled Internet access parameters are correct during the router setting process.

Q3: How to restore the router to factory settings?

You can log in to the router management website and click the "Factory Reset " button on the System Management-System- Factory Reset page to restore the factory settings of the device. Or when the indicator light of the router is on, press and hold the RESET button, release it after 7 seconds when the indicator light flashes, and the router will automatically restart after restoring the factory settings.

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

1. Check whether the Wi-Fi Switch is turned on or not. If it is turned off, please turn on the Wi-Fi Switch and try again.
2. Check whether the configuration information of the upper-level gateway or the master router is synchronized. If it is synchronized, you can directly use the Wi-Fi password of the upper-level gateway or the master router to access.
3. Only devices compatible with 5GHz networks can search for 5GHz wireless network names.

Q5: What should I do if I forget the password of router management website?

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 side of the router, reconfigure the router.

5. 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 20 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.

FCC regulations restrict the operation of this device to indoor use only.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

