Manuals+ — User Manuals Simplified.

H3C Magic
**NX15 Wireless
Router**

H3C Magic NX15 Wireless Router Installation Guide

Contents

H3C Magic

H3C Magic NX15 Wireless Router

Product Information

Specifications:

- **Model**: H3C Magic NX15 Wireless Router
- **Contents**: NX15, power adapter, network cable, installation quick start, compliance and safety manual

Product Usage Instructions

Connect the Network Cable
Connect the network cable from your broadband modem to the Ethernet port on the router using the provided power adapter.

Configure Wi-Fi Settings

1. After installing the router, connect to the Wi-Fi network of the router. No password is required. (Wi-Fi network names are available on the device label.)
2. Follow the setup wizard to access settings. Enter http://192.168.124.1 in your browser if the wizard doesn't open automatically.
3. Set up Internet access through PPPoE by providing your account details.
4. Reconfigure Wi-Fi network name and management password. The management password can be the same as the Wi-Fi password.

LED Indicators and Ports
The router features LED indicators and various ports including Gigabit LAN and WAN ports, power port, and a reset button.

Troubleshooting Wi-Fi Connection
Observe the LED status during Wi-Fi setup: solid green for good connection, solid orange for average connection, and blinking orange for failed connection.

Internet Access Methods:

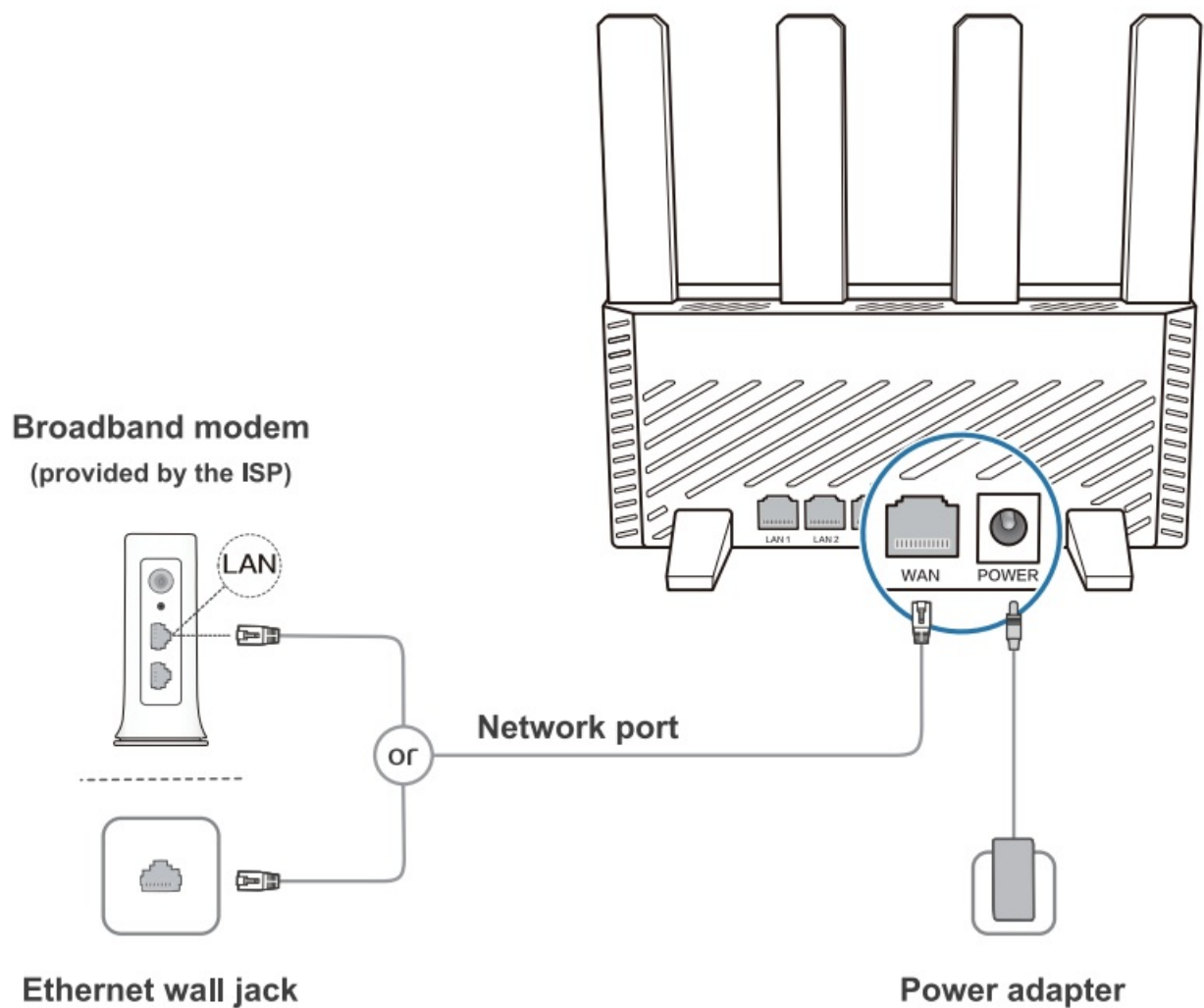| Access Method	Required Parameters and Devices
DHCP	No specific requirements
PPPoE	Account and password
Static IP Address	Static IP address
Wireless Relay (AP)	Wireless network device
Wired Relay (AP)	Wired network device

Warranty Information:
For warranty terms and contact details, refer to the warranty card provided with the product.

Packing list

- NX15,
- power adapter,
- network cable,
- installation quick start,
- compliance and safety manual.

The image may differ from your actual product.

Connect the network cable

Broadband modem
(provided by the ISP)

Ethernet wall jack

Network port

or

WAN   POWER

Power adapter

1. Use only the power adapter supplied with this equipment.
2. For better signal coverage, place the router in an area free of obstruction.
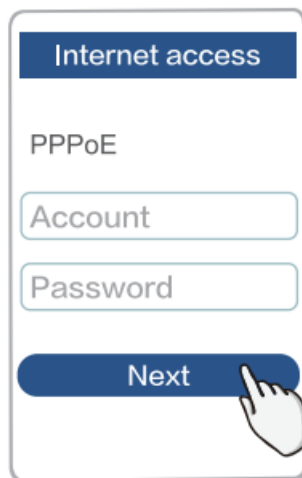
Set up a Wi-Fi network

1. Connect to a Wi-Fi of the router after the router is installed. Password is not required.

   (The available Wi-Fi names are on the device label.)

WLAN

WLAN

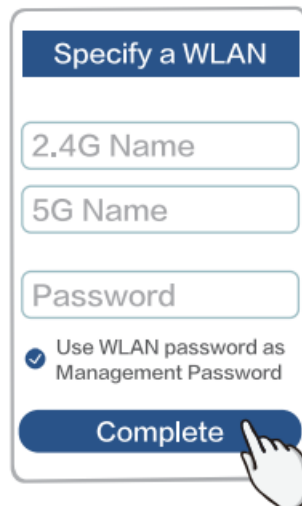H3C_XXXXXX

H3C_XXXXXX_5G

2. Follow the configuration wizard to proceed with settings.

   (Enter 192.168.124.1 in your browser if the wizard does not opens.)

3. Configure Internet connection settings.

   (The procedure varies by Internet access method.)

4. Reconfigure the Wi-Fi name and management password.

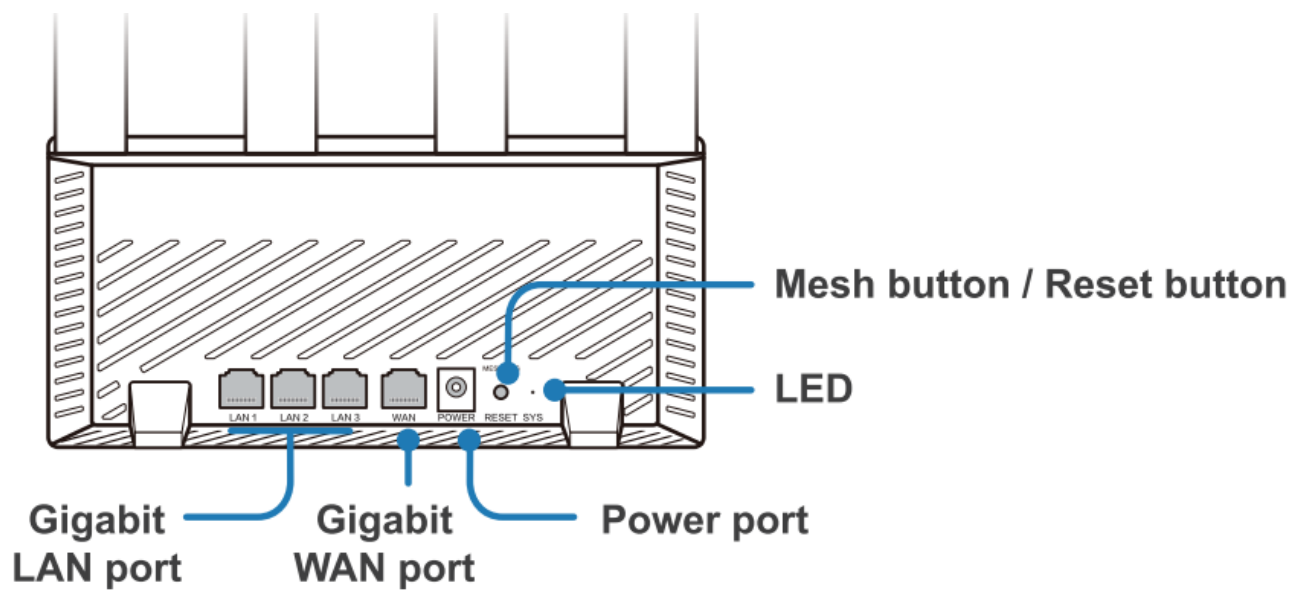   (The management password can be identical with the Wi-Fi password.)

Reconnect the Wi-Fi to access the Internet.

Scan to download this App Manage the router with ease

H3C Magic App

Ports, buttons, and LEDs

Mesh button / Reset button

LED

Gigabit LAN port

Gigabit WAN port

Power port

Item	Status	Description
LED	Steady green	Operating correctly.
	Fast flashing green	Setting up a mesh Wi-Fi network.
	Steady orange	Weak wireless relay signals.
	Flashing orange	Not connected to the Internet.
Mesh button		• Wireless network optimization.
		• Mesh Wi-Fi network setup. The setup will be disabled 2 minutes later.
		The LED fast flashes green after the mesh button is pressed.
Reset button		To restore the router to factory defaults, press the reset button for over 5 seconds until the LED flashes fast.

Set up a mesh Wi-Fi network

To provide good signal coverage throughout a large house, purchase multiple H3C routers that support mesh Wi-Fi and use the following procedure to set up a mesh Wi-Fi network:

1. Configure a router to access the Internet and use it as the controller.
2. Connect the other routers as agents to the network 60 seconds after they power up by using either of the following methods.

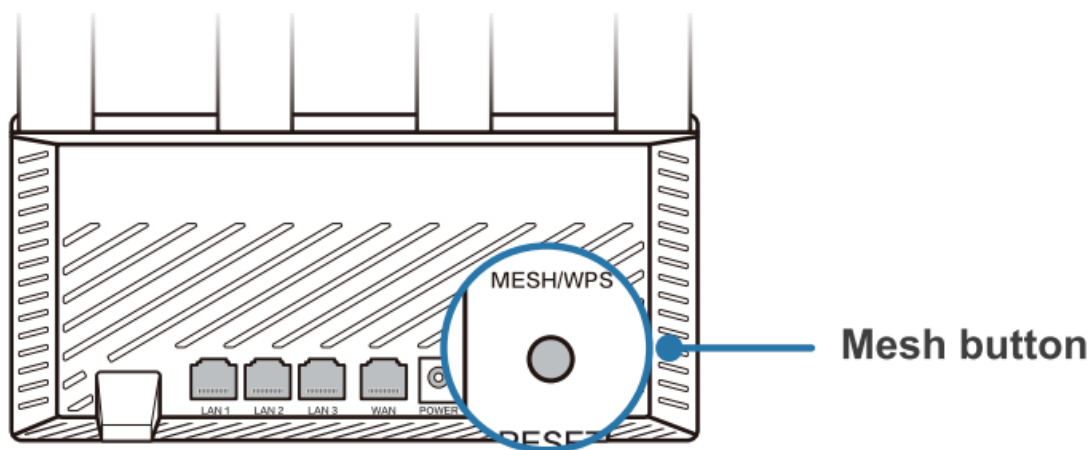Observe the LED status on the agents during the mesh Wi-Fi network setup process.

- **Steady green**: Good connection.
- **Steady orange:** Fair connection.
- **Flashing orange:** Failed connection.

1. **Method 1: Wired networking**

   Use a network cable to connect a WAN port on the agent to a LAN port on the controller.
2. **Method 2: Wireless networking**

   Press the Mesh button on the controller and agent simultaneously. A mesh Wi-Fi network will be set up by the routers automatically within 2 minutes. If multiple agents exist, repeat the preceding procedure to connect the agents one by one to the network.

* If the LED on a agent is not steady green, place the router near the controller or another agent that has been connected to the network.

Tips

- **Networking method**
  - As a best practice, use wired networking for a multi-floor house. To use wireless networking, make sure no isolation such as floor heating exists between floors, and try to place the routers at the same place on the upper and lower floors.
  - As a best practice, use wireless networking for a large flat house.
- **Router placement**
  - Try to distribute routers evenly in areas with less obstruction.
  - To use wireless networking, make sure less than two walls exist between routers.

Warranty Card

Warranty terms and conditions:

H3C provides high-quality, high-performance products. To protect your rights and benefits, H3C provides the following warranty services:

- The warranty period is three years from the purchase day.
- If the product cannot be used due to a quality issue within 30 days from the purchase day, the product can be replaced without charge.
- The power adapter has a 30-day warranty period. The warranty does not cover issues caused by other reasons than quality, such as damage by sharp objects, broken pin, cable damage, or broken cable.
- Products repaired/replaced by H3C enjoy a 90-day warranty from the date of repair/replacement or continue to enjoy the original remaining warranty, whichever is longer.
- The accessories, including the packaging material and cables, are not covered by the free warranty/replacement service.
- The purchase invoice is required for a warranty service. If the invoice cannot be provided, the warranty period shall be calculated from the shipment date.
- To ensure data security and protect your privacy, backup and delete data in the storage medium, if any, before returning the product for repair or replacement.

The warranty does not cover:

- Products not from H3C or without proofs indicating they are from H3C.
- The SN label, tamper-proof label, or MAC address label is torn, damaged, or fabricated.
- Antenna damages caused by other reasons than material or manufacturing issue.
- Man-made physical damages and damages caused by accidents.
- Defects and damages due to the product being used in an abnormal environment.
- Damages caused by unauthorized repair and modification.
- Normal wear and tear, and defects and damages caused by corrosion or external power sources.
- Damages caused by force majeure such as earthquakes, flood, tsunamis, fire, typhoon, or lighting strike.

Contact Info:
E-mail: Support.Magic@h3c.com

Version: 5W101-20240423

FAQ

Q: Some old devices cannot identify or connect to the router Wi-Fi. How to deal with it?
This router is equipped with new-generation Wi-Fi 6 technology to improve wireless network connectivity. However, some old devices might have compatibility issues with it.

To resolve the issue, use either of the following methods:

- Upgrade the software of old devices.
- Enable Wi-Fi 5 Standby Network on the router.

Q: Failed to access the Internet after the router configuration is complete. How to deal with it?
To resolve the issue:

- 1. To be sure that the network cable is connected correctly and reliably.
- 2. Make sure the Internet access method configured on the router is applicable at the installation site. See the table to select the suitable Internet access method.

Internet Access Method	Parameters and Devices Required
DHCP	None
PPPoE	Account and password
Static IP	Static IP
Wireless relay	Wireless networking device
Wired relay (AP)	Wired networking device

Documents / Resources

H3C Magic NX15 Wireless Router [pdf] Installation Guide
NX15 Wireless Router, NX15, Wireless Router, Router

References

- **User Manual**