

**H3C Magic  
NX30  
WLAN  
Wireless  
Router**



## H3C Magic NX30 WLAN Wireless Router User Guide

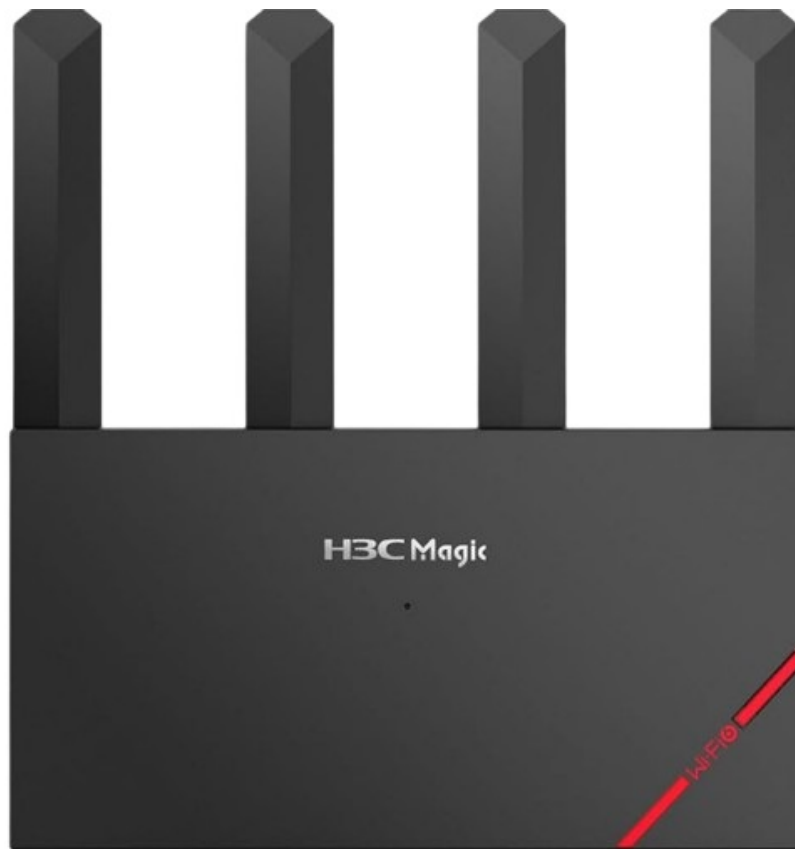
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**H3C Magic**

**H3C Magic NX30 WLAN Wireless Router**



## Product Information

### *H3C Magic NX30 Wireless Router*

#### Specifications:

- Model: NX30
- Includes: power adapter, network cable, installation quick start, compliance and safety manual

## Product Usage Instructions

### Connect the Network Cable

- Connect the provided network cable to the broadband modem (provided by your internet service provider), the network port, and the Ethernet wall socket.

### Configure Wi-Fi

1. After installing the router, connect to the router's Wi-Fi network. No password is required. (Wi-Fi network names are available on the device label.)
2. Follow the setup wizard to access settings. (Enter 192.168.124.1 in your browser if the wizard does not open automatically.)

### Reconfigure Wi-Fi Network Name and Password

- You can set the Wi-Fi network name and management password. The management password can be the

same as the Wi-Fi password.

## **Magic App**

- Download the H3C Magic App for easy router management and follow the instructions to reconnect to the Wi-Fi network for internet access.

## **Ports, Buttons, and LED Indicators**

- LED indicators: Green (working correctly), Rapid green blinking (Wi-Fi mesh configuration), Solid orange (weak wireless relay signals), Blinking orange (no internet connection).

## **Mesh Wi-Fi Setup**

- Follow the LED status on agents during the mesh Wi-Fi setup process. Green (good connection), Solid orange (average connection), Blinking orange (failed connection).

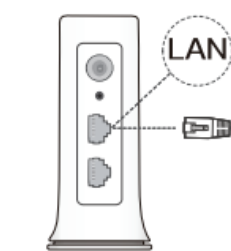
## **Packing List**

- NX30, power adapter, network cable, installation quick start, compliance and safety manual.

Image may differ from your actual product.

## **Connect the network cable**

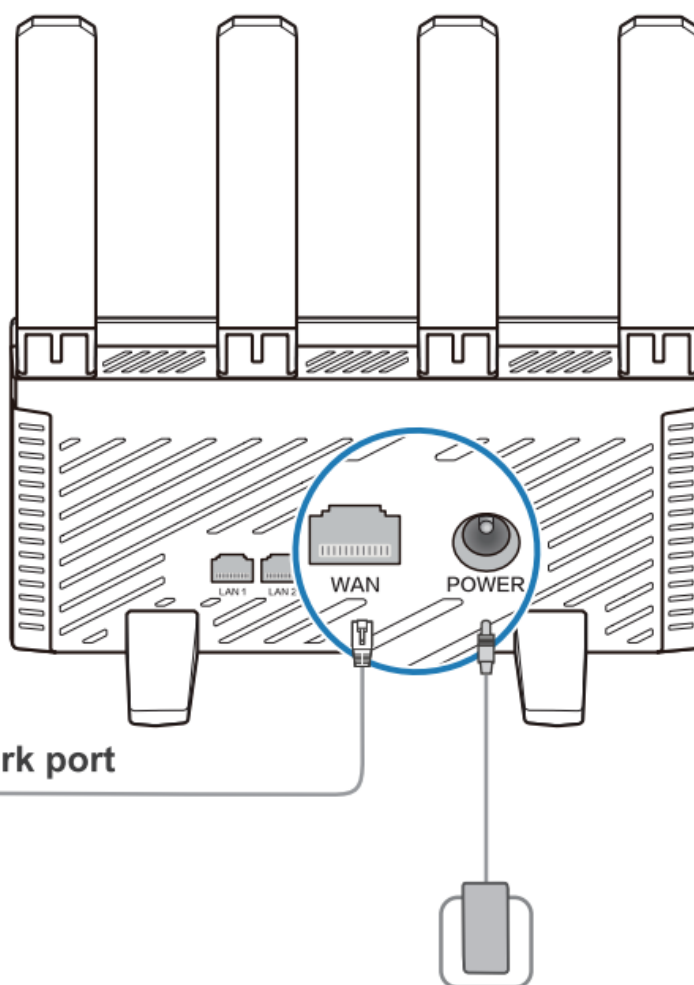
### Broadband modem (provided by the ISP)



### Ethernet wall jack

or

### Network port



### 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.)



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.)

A screenshot of the 'Internet access' configuration screen. The title 'Internet access' is in a blue header. Below it, the text 'PPPoE' is displayed. There are two input fields: 'Account' and 'Password'. At the bottom, there is a blue button labeled 'Next'. A hand icon is shown clicking the 'Next' button.

★ Internet access by PPPoE

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

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

Specify a WLAN

2.4G Name

5G Name

Password

☒ Use WLAN password as Management Password

Complete

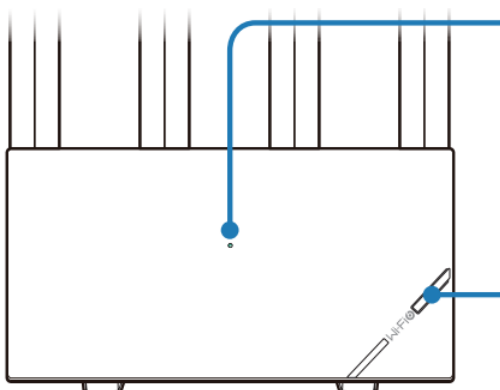
- Reconnect the Wi-Fi to access the Internet.

Scan to download this App Manage the router with ease



H3C Magic App

## Ports, buttons, and LEDs

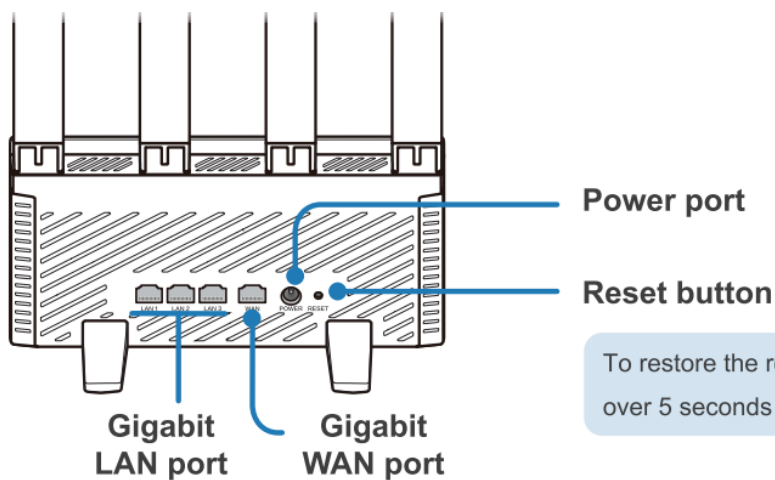


### LED

- 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.






To restore the router to factory defaults, press the reset button 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

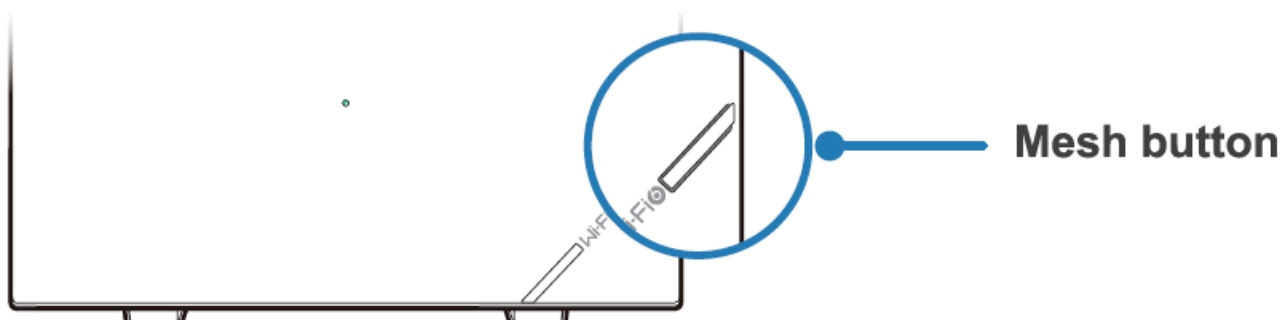
-  **Steady green:** Good connection.
-  **Steady orange:** Fair connection.
-  **Flashing orange:** Failed connection.

### Method 1: Wired networking

- Use a network cable to connect a WAN port on the agent to a LAN port on the controller.

### 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.

### **FAQS**

**Q:** Some old devices cannot identify or connect to the router Wi-Fi.  
How to deal with it?

**A:** 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?

**A:** 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 |
|------------------------|---------------------------------|
| OHCP                   | None                            |
| PPPoE                  | Account and password            |
| Static IP              | Static IP                       |
| Wireless relay         | Wireless networking device      |
| Wired relay(AP)        | Wired networking device         |



## Warranty

### *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 earthquake, flood, tsunami, fire, typhoon, or lighting strike.


#### **Contact Info:**

- E-mail: [Support.Magic@h3c.com](mailto:Support.Magic@h3c.com)

**Version:** 5W101-20240423

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## **Documents / Resources**

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|--|--|
|  | <a href="#">H3C Magic NX30 WLAN Wireless Router</a> [pdf] User Guide<br>NX30 WLAN Wireless Router, NX30, WLAN Wireless Router, Wireless Router, Router |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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