H3C Magic

Wi-Fi6

Dual-Band Gigabit Wi-fi 6 Router

Installation Quick Start

Applicable product models: H3C Magic NX18 Plus, H3C Magic NX30 Plus.
Packing list: Router, Power Adapter, Network Cable, Installation Quick Start,
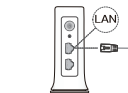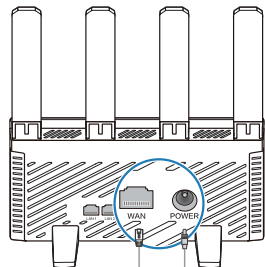Compliance and Safety Manual.

1. Connect the network cable

Broadband modem
(provided by the ISP)

LAN

WAN   POWER

or

Network port

Ethernet wall jack

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.

2. Set up a Wi-Fi network

1. Scan the QR code below, download the APP, and
follow the prompts to complete the registration after
installation.
   (If the APP has been installed, please make sure it
is the latest version.)

H3C Magic App

2. 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	📶
....	

3. Open the APP and add a device.
   (If no router is found, check the cables and network
connections, then click "Scan".)

< Add Device

Select Device:
H3C Router   Not Configured

Scan

4. Configure Internet connection settings.
   (The procedure varies by Internet access method.)

   ★ Internet access by PPPoE
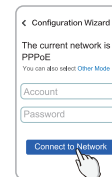
5. Reconfigure the Wi-Fi name and management
password.
   (The management password can be identical with
the Wi-Fi password.)

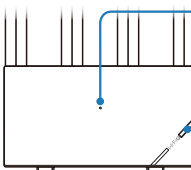Reconnect the Wi-Fi to access the Internet.

Warning

**This device complies with Part 15 of the FCC Rules and Industry
Canada's licence-exempt RSS standard(s).**
Operation is subject to the following conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference
that may cause undesired operation.

< Configuration Wizard
The current network is
PPPoE
You can also select Other Mode
Account
Password
Connect to Network

< Configuration Wizard
Set the Wi-Fi name and
password
Wi-Fi Name
5G Wi-Fi Name
Wi-Fi password
☑ Use the Wi-Fi password as
the management password
Finish

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.
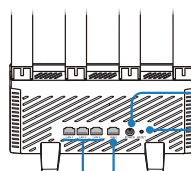
Power port

Reset button

To restore the router to factory defaults, press
the reset button over 5 seconds until the LED
flashes fast.

**Gigabit
LAN port**   **Gigabit
WAN port**

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.

Mesh button
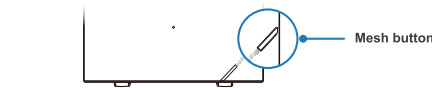
★ If the LED on an agent is not steady green, place the router near the controller or another agent that has been connected to the network.

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 wired 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?

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 Smart Home 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

Warranty Card

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