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OpenWrt

WiFi 6 AX1800
Dual Band Gigabit Router

WAN   LAN   WPS WAN POWER

Installation

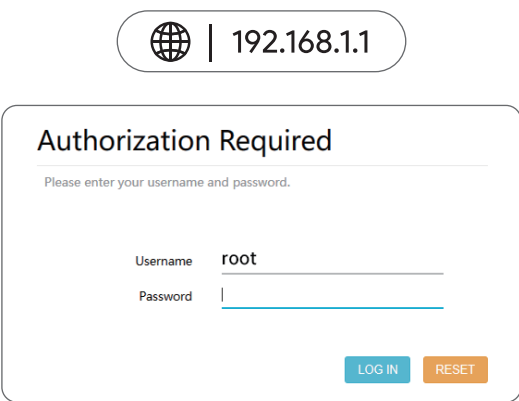## Product Introduction:

WAN   LAN   WPS WAN POWER

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Preparation:

1. Connect the broadband cable to the WAN port of the router. Ensure a proper power connection. Wait until the WIFI indicator light and the WAN port indicator light turn on and flash, which indicates that the system has been successfully started and connected to the network. The indicator lights will remain constantly on or flashing in green.

2. To connect your computer or mobile phone to the WiFi, please check the WiFi names "OpenWrt" and "OpenWrt-5G" at the bottom of the router. The WiFi password is: 12345678.

3. Please open your browser and enter the default login address: 192.168.1.1. Use the default username " root " , default no password Click the login button to access the device management page.
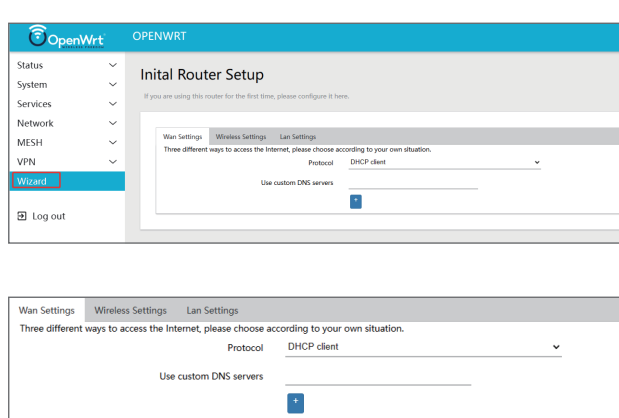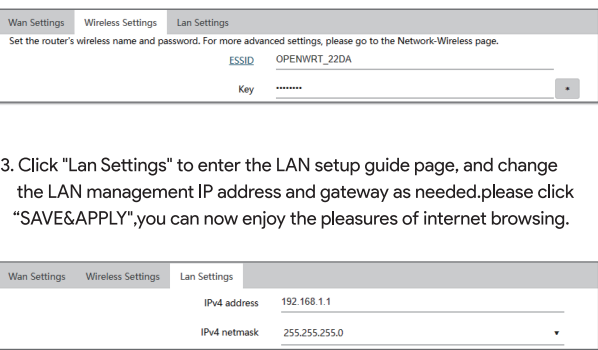
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🌐 | 192.168.1.1

Authorization Required

Please enter your username and password.

Username   root

Password

LOG IN   RESET

Web Configuration

1. Click Wizard Enter the Inital Router Setup page, click on the connection method (PPPoE, DHCP client, and Static IP). Choose the correct internet connection method and configure the parameters according to the broadband information provided by your internet service provider, as shown in the following image. After completing the configuration, please click"SAVE&APPLY"

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OpenWrt   OPENWRT

Status
System   Inital Router Setup
Services
Network
MESH
VPN
Wizard
Log out

Wan Settings   Wireless Settings   Lan Settings
Three different ways to access the Internet. please choose according to your own situation.
Protocol   DHCP client
Use custom DNS servers

Wan Settings   Wireless Settings   Lan Settings
Three different ways to access the Internet. please choose according to your own situation.
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2. Click "Wireless Settings" to enter the WiFi setup guide page. Follow the on-screen instructions to modify the WiFi name and WiFi password as shown in the following image. After completing the configuration, please click "SAVE&APPLY". Reconnect your terminal device to the router's new WiFi and enter the password.

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Wan Settings   Wireless Settings   Lan Settings
Set the router's wireless name and password. For more advanced settings, please go to the Network Wireless page.
SSID   OPENWRT_2354
Key

3. Click "Lan Settings" to enter the LAN setup guide page, and change the LAN management IP address and gateway as needed.please click "SAVE&APPLY",you can now enjoy the pleasures of internet browsing.

Wan Settings   Wireless Settings   Lan Settings
IPv4 address   192.168.1.1
IPv4 netmask   255.255.255.0

Common Questions:

1. What should I do if some older devices cannot detect or connect to WiFi, or if the router cannot access the internet?

The router you purchased supports the new WiFi 6 technology. Some older devices may have difficulty scanning or connecting to WiFi due to compatibility issues. Please log in to the router management page, click on [Network] -> [Wireless], select "n" for 2.4GHz WiFi, and "ac" for 5GHz WiFi. Upgrade the drivers for older devices and try again.

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If the device still cannot access the internet after connecting to the router's WiFi, please check the following:

- Ensure that the router is using the original power adapter, the WAN port is connected to the broadband cable, and the green light is blinking after startup.

- Make sure the device is within the signal coverage range and connected to the router's WiFi name.

- If the device is wired to the router, check for any looseness at the network port and ensure the cable is normal.

2. What should I do if I forget the login password for the router management interface?

Please try using the login password on the label at the bottom of the router. If you still cannot log in, reset the router to factory settings and set it up again.

3. How do I restore the router to factory settings?

Connect the router to the power supply, wait for a moment until the router completes startup, use a pointed object to press the router's Reset button and hold it for more than 6 seconds. Release it after the indicator light goes out. Once the restart is complete, the router is restored to factory settings.

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Note:
After restoring to factory settings, you need to reconfigure the router.

4. How do I use the router's MESH connection feature?

Mesh networking

Please ensure that the router is successfully connected to the internet after starrup.

Step 1: Configure an IP address for the LAN port of the router that is in the same network segment and cannot conflict with other devices on the LAN.
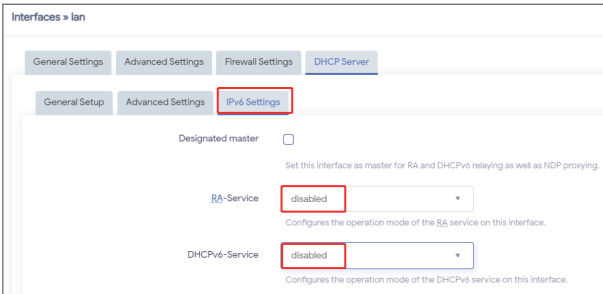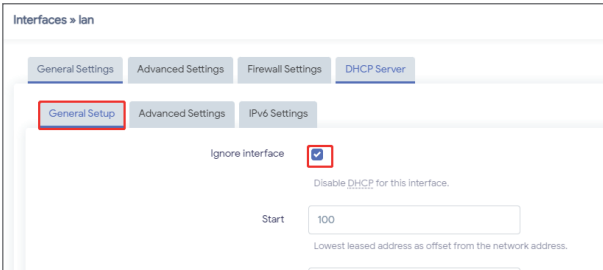
Click：Network→Interfaces→lan→Edit→General Settings→ IPv4 address→Change ip address

Step 2: Disable the DHCP server of the child router.
(Only one DHCP server can be reserved on the LAN.)

Step 3: Disable IPv6 services on the LAN interface of the child router to prevent LAN devices from acquiring multiple temporary IPv6 addresses.
Click：Network→Interfaces→lan→Edit→DHCP Server

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Interfaces » lan

General Settings   Advanced Settings   Firewall Settings   DHCP Server
General Setup   Advanced Settings   IPv6 Settings

Ignore Interface   ☑

Disable DHCP for this interface.

Start   100

Lowest leased address as offset from the network address.

Interfaces » lan

General Settings   Advanced Settings   Firewall Settings   DHCP Server
General Setup   Advanced Settings   IPv6 Settings

Designated master   ☐

Set this interface as master for Mi and DHCPv6 relaying as well as HCP proxying.

RA-Service   disabled

Configure the operation mode of the RA service on this interface.

DHCPv6-Service   disabled

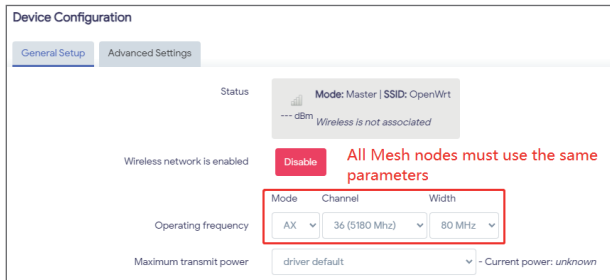Configure the operation mode of the DHCPv6 service on this interface.

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Step 4: Add wireless parameters for Mesh nodes, modify wireless access point parameters as needed, and then you can use them.
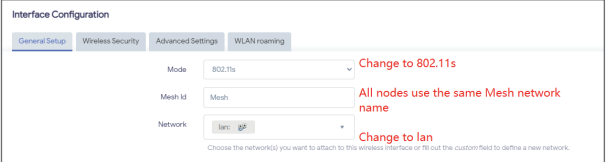Place the configured Mesh router within the signal range of other matching Mesh routers to automatically connect.

Click：Network→Wireless→Wireless Overview→radio0 or radio1→Add

Equipment configuration
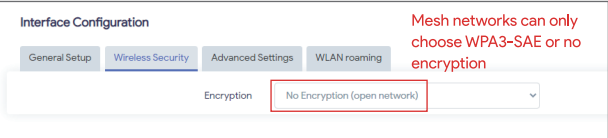
Device Configuration
General Setup   Advanced Settings

Status   Mode: Master | SSID: OpenWrt
Wireless is not associated!

Wireless network is enabled   Disable   All Mesh nodes must use the same parameters

Operating frequency   Mode   Channel   Width
AX   36 (5160 MHz)   80 MHz

Maximum transmit power   driver default   Current power: unknown

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Interface configuration

Interface Configuration
General Setup   Wireless Security   Advanced Settings   WLAN roaming

Mode   802.11s   Change to 802.11s
Mesh Id   Mesh   All nodes use the same Mesh network name
Network   lan   Change to lan

Interface configuration

Interface Configuration
General Setup   Wireless Security   Advanced Settings   WLAN roaming

Encryption   No Encryption (open network)   Mesh networks can only choose WPA3-SAE or no encryption

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Wireless overview

Wireless Overview

Equipment configuration

Associated Stations

5. Does the router support the dual-band integration feature? How do I connect to the router's 2.4GHz WiFi?

Answer: Yes, it supports, and it is enabled by default. To disable the dual-band integration feature, log in to the router management page, click [Network]->[Wireless], and set different names for the 2.4GHz/ 5GHz WiFi. This will allow you to switch between the two frequencies based on your preference. At this point, you will see two WiFi names, and you can connect to either the 2.4GHz or 5GHz network as needed.

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折叠后尺寸：90x105mm

正反两面印刷