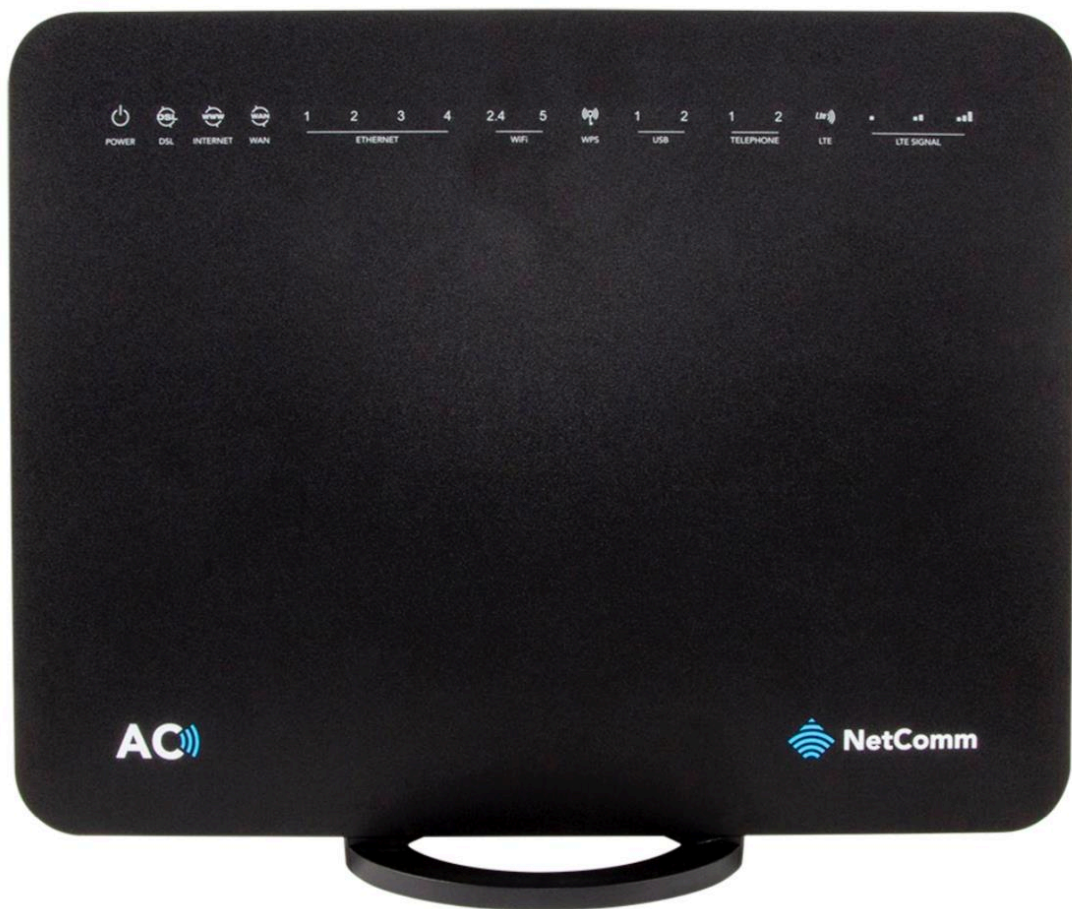


# NetComm NL1901ACV Setup Guide



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# 1 Reset router

- 1.1 Connect the router to power supply.
- 1.2 Press and hold this button for more than 10 seconds to reset the router to its factory default settings.



# 2 Setup router

- 2.1 Using an Ethernet cable to connect the WAN port.



2.2 There are two methods to connect with your router:

## Ethernet cable connection

2.3 Turn off the WiFi on your laptop/PC and connect laptop/PC with any of LAN ports (1 –4 of router) via Ethernet cable.



## WiFi connection

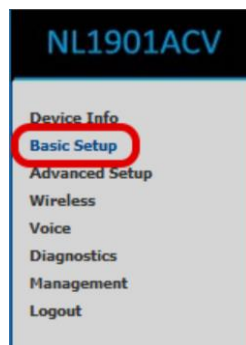
You can use your laptop, tablet or phone to connect with router for setting through WiFi.

- 2.4 You can find the default SSID and wireless security key from Wireless Security Card.
- 2.5 Click the network icon of your computer or go to Wi-Fi Settings of your smart device, and then select the SSID to join the network.

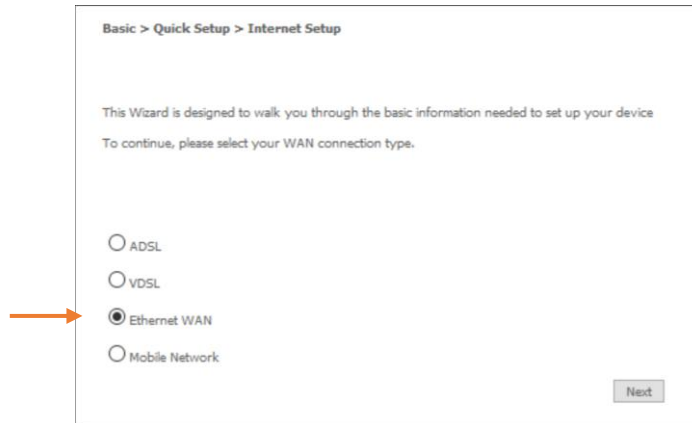
**\*Careful:** *Once your device connect with haven't configured router, your device will temporarily out of Internet. So please do not use the device which is currently using Internet.*

## 3 Login WIFI configuration page

- 3.1 Open Internet browser (e.g. Google Chrome, Safari, etc.) and input <http://192.168.1.1/> or <http://192.168.0.1/> in the address bar to visit router's configuration page. The default username is: **admin** (all Lowercase) and password is your NL1901ACV's serial number.
- 3.2 Click on the Basic Setup menu item on the left side of the screen



- 3.3 Select Ethernet WAN then click the Next button.



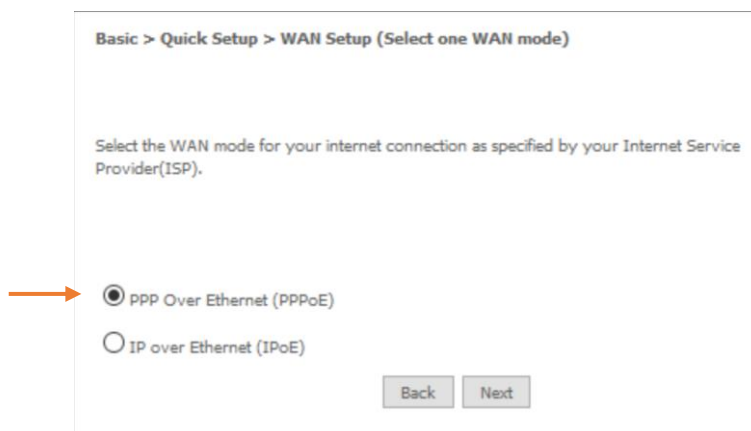
Basic > Quick Setup > Internet Setup

This Wizard is designed to walk you through the basic information needed to set up your device  
To continue, please select your WAN connection type.

☐ ADSL  
☐ VDSL  
☒ Ethernet WAN  
☐ Mobile Network

Next

### 3.4 Choose connection type to PPPoE



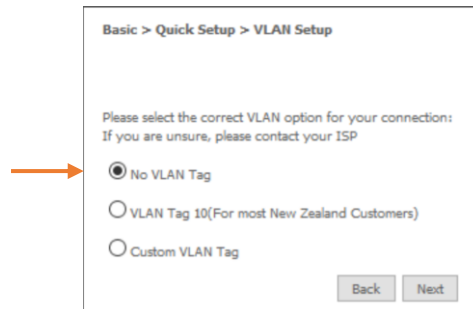
Basic > Quick Setup > WAN Setup (Select one WAN mode)

Select the WAN mode for your internet connection as specified by your Internet Service Provider(ISP).

☒ PPP Over Ethernet (PPPoE)  
☐ IP over Ethernet (IPoE)

Back Next

### 3.5 Choose No VLAN Tag



Basic > Quick Setup > VLAN Setup

Please select the correct VLAN option for your connection:  
If you are unsure, please contact your ISP

☒ No VLAN Tag  
☐ VLAN Tag 10(For most New Zealand Customers)  
☐ Custom VLAN Tag

Back Next

### 3.6 Input the PPPoE username and password provided by us, then click “Finish”. You can find these username and password in the Service Activation Notice Email. (Ensure the Connection Mode is Always on and please save other as default.)



Basic > Quick Setup > Ethernet WAN only > PPPoE Information

Enter the User ID and Password assigned to you by your Internet Service Provider (ISP).

User ID:  Username and Password  
 Password:

☒ Enable Mobile Broadband Backup

Network Name(APN):

Username(optional):

Password(optional):

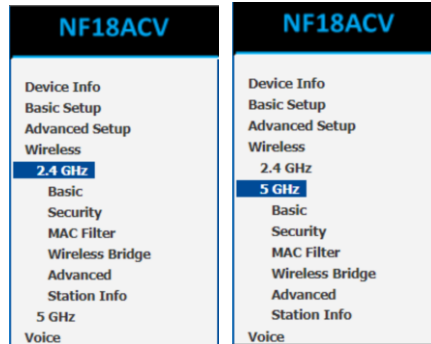
- 3.7 After a while, the third on the left light of your router is solid green which means you can access the Internet now.



## 4 Optional: Change your WiFi name and password

### 4.1 Change WiFi name:

Click Wireless 2.4GHz/5GHz -> Basic. You can enter your WiFi name in Wireless Network Name in this page. Click "Apply/Save" bottom after changing.



#### Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click 'Apply/Save' to configure the basic wireless options.

- ☒ Enable Wireless
- ☐ Hide Access Point
- ☐ Clients Isolation
- ☐ Disable WMM Advertise
- ☒ Enable Wireless Multicast Forwarding (WMF)

SSID:

BSSID:

Country:

Max Clients:

Change your WiFi name in here

#### Wireless - Guest/Virtual Access Points:

Enabled	SSID	Hidden	Isolate Clients	Enable WMM Advertise	Enable WMF	Max Clients	BSSID
<input type="checkbox"/>	<input type="text" value="wl1_Guest1"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="wl1_Guest2"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="wl1_Guest3"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="16"/>	N/A

**\*Note: Because NL1901ACV is a dual band router, so it has 2 bands 2.4GHz and 5GHz. The settings in 2.4GHz and 5GHz are same.**

#### 4.2 Change WiFi Password/PIN:

Click Wireless 2.4GHz/5GHz -> Wireless Security. Remember, always select **WPA/WPA2 – Personal**. You can enter your WiFi password in Wireless Password in this page. Remember click “Apply/Save” bottom after changing.



#### Wireless -- Security

This page allows you to configure security features of the wireless LAN interface.  
You may setup configuration manually

OR

through WiFi Protected Setup(WPS)

Note: When both STA PIN and Authorized MAC are empty, PBC is used. If Hide Access Point enabled or Mac filter list is empty with "allow" chosen, WPS2 will be disabled

#### WPS Setup

Enable WPS Enabled

Add Client (This feature is available only when WPA-PSK, WPA2 PSK or OPEN mode is configured)

☒ Push-Button

☐ Enter STA PIN

☐ Use AP PIN

[Add Enrollee](#)

Set WPS AP Mode Configured

Setup AP (Configure all security settings with an external registrar)

Device PIN 23024986 [Help](#)

#### Manual Setup AP

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click 'Apply/Save' when done.

Select SSID: NetComm 8199

Network Authentication: WPA2 -PSK

Protected Management Frames: Disabled

WPA/WAPI passphrase: \*\*\*\*\*

WPA Group Rekey Interval: 0

WPA/WAPI Encryption: AES

WEP Encryption: Disabled

[Click here to restore](#)

[Apply/Save](#)

← Always this one

← Change your WiFi password in here

**\*Careful:** Once you change your WiFi name or password, your device needs to reconnect with WiFi.