ZYXEL
NETWORKS

FWA515
Nebula 5G NR Indoor Router

Quick Start Guide

ENGLISH

Package Contents

Zyxel Device   Power Adapter   Ethernet Cable
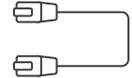
Declaration of Conformity
Safety Warnings

Support Information

EU

https://support.zyxel.eu

Taiwan

+ 886 2 2739 9889

retail@zyxel.com.tw

Zyxel Community

https://community.zyxel.com

See the User's Guide at www.zyxel.com for more information, including customer support and safety warnings.

EU Importer

Zyxel Networks A/S
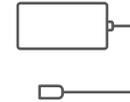Gladsaxevej 378, 2. th. 2860 Søborg, Denmark
https://www.zyxel.com/dk/da/

UK Importer

Zyxel Networks UK
2 Old Row Court, Rose Street, Wokingham, RG40 1XZ, United Kingdom (UK)
https://www.zyxel.com/uk/en/
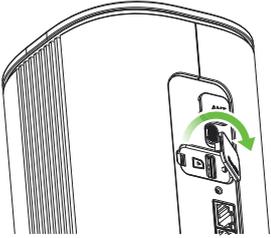
UK
CA CE

Nebula Mobile App

Download the Zyxel **Nebula Mobile** app. You can use the app or the web configurator to manage your Zyxel Device.

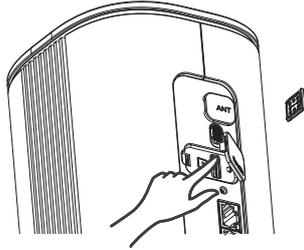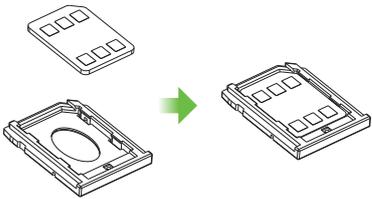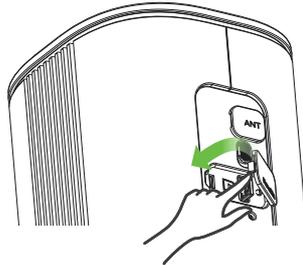# 1 Hardware Installation

① Make sure the Zyxel Device is turned off. On the side of the Zyxel Device, open the cover of the nano SIM card slot.

② Push and pull the SIM card tray out of the SIM card slot.

③ Place the nano SIM card on the tray, with the chip facing up.

④ Gently push the SIM card tray into the SIM card slot. Put the cover back in place.

1 Hardware Installation

5

POWER
ON

POWER

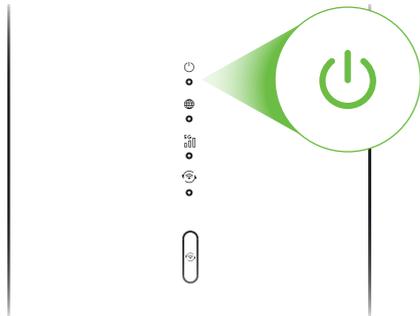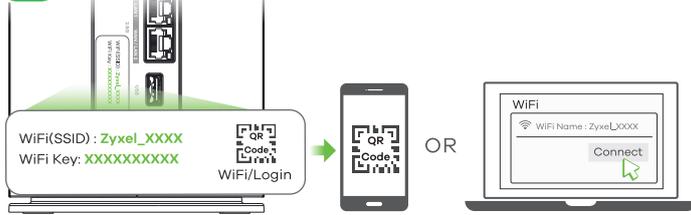Power outlet
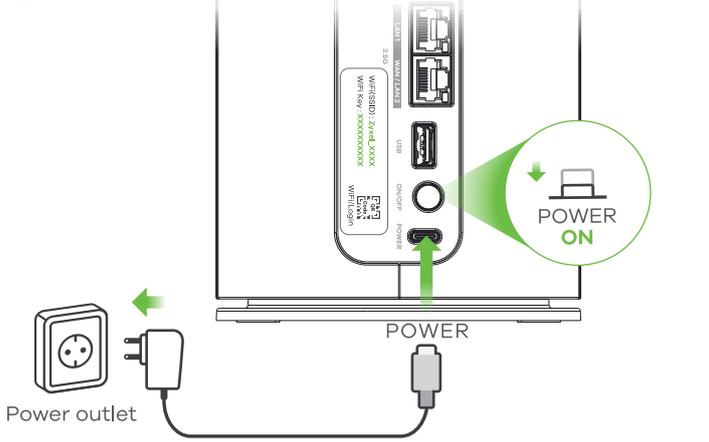
6

5 Select the type of power plug used in your country. Use the included power adapter to connect the power socket to an appropriate power source. Press the **ON/OFF** button to turn on the Zyxel Device.

6 Check that the POWER LED is already on.

2 Network Connections

7-a Manual Connection (using SSID)

WiFi(SSID) : **Zyxel_XXXX**
WiFi Key: **XXXXXXXXXX**
QR Code/WiFi/Login

OR

WiFi
WiFi Name : Zyxel_XXXX
Connect

7-b Automatic Connection (Using WPS)

WPS

Press at least
3 seconds
within
2 minutes

WiFi
Connect

WiFi/WPS LED Indicator Table

Green	**Blink** - Establishing WPS connection
	On - WLAN interface is enabled

7-c Or Using Ethernet Cable

For example,
laptop, PC, etc.
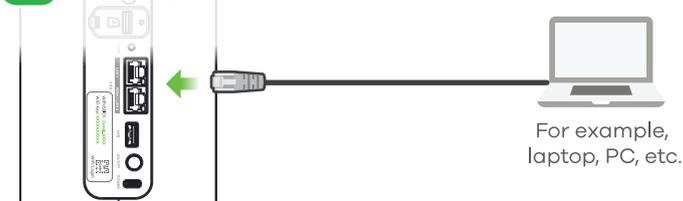
7-a Find the **WiFi(SSID)** and the **WiFi Key**. On your smartphone or laptop, find this **WiFi(SSID)**. Enter the **WiFi Key** to connect. On your mobile device, scan the QR code then follow the prompts to connect to the Zyxel Device WiFi network.

7-b To set up a secure WiFi connection between the Zyxel Device and a wireless client using WPS, press the WPS button on the front of the Zyxel Device for at least 3 seconds. Press the WPS button on the client within 2 minutes. If the WPS method fails, use the **WiFi(SSID)** and **WiFi Key** to set up a WiFi connection.

7-c Use an Ethernet cable to connect a computer to one yellow LAN port of the Zyxel Device.

3   Configuration

8-a

GET IT ON
Google Play

Available on the iPhone
App Store

Q Nebula Mobile

Web login address : 192.168.1.1
Username : admin
Password : XXXXXXXXXX
QR Code
WiFi/Login

8-b

192.168.1.1

Zyxel Device

User Name | admin
Password | XXXXXXXXXX
Login

Web login address : 192.168.1.1
Username : admin
Password : XXXXXXXXXX
QR Code
WiFi/Login
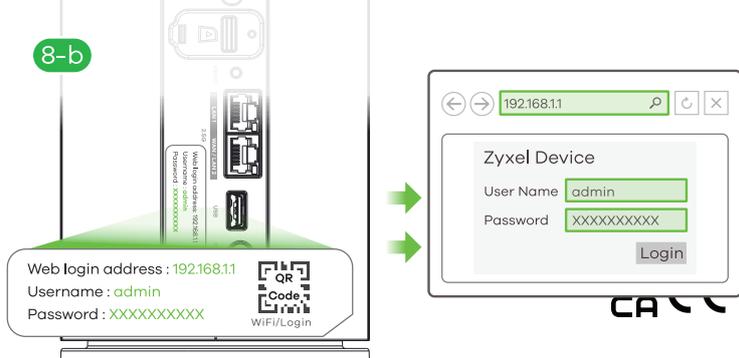
8-a 1. You can download the Zyxel **Nebula Mobile** app or use the Web Configurator (see the next step) to manage the Zyxel Device.
2. To log into the Zyxel **Nebula Mobile** app for the first time, scan the Login QR code or enter the admin username and password from the Zyxel Device label.

8-b Open a web browser and go to https://192.168.1.1. Enter the admin username and password from the Zyxel Device label, then click **Login**.

4 LEDs Indicator Table

Power/ System	Blue	**On -** There is one or more unread SMS messages. **Blink -** SMS inbox is full.
	Green	**Blink -** The Zyxel Device is booting. **On -** The power is on. **Off -** The power is off.
	Red	**On -** There is an error, contact your service provider.
Internet	Blue	**On -** The Internet is connected using 5G.
	Green	**On -** The Internet is connected using 4G or Ethernet WAN.
	Red	The Internet is unavailable.
Cellular Signal Strength	Blue	**On -** The signal strength is good. **Blink -** No SIM card or an invalid SIM card.
	Green	**On -** The signal strength is fair.
	Red	**On -** The signal strength is poor. **Blink-** There is no cellular signal or it is too weak to be detected.
WiFi/WPS	Green	**Blink -** The Zyxel Device is establishing WPS connection. **On -** The WLAN interface is enabled. **Off -** The WLAN interface is disabled.
All LEDs	Green	**Blink -** Resetting to factory default settings or upgrading firmware.

Troubleshooting

Power and Hardware Connections

- Make sure SIM card is correctly installed in Zyxel Device.
- Make sure the power adapter is connected correctly.

Zyxel Device Access and Login

- Make sure you are using the correct IP address.
• The default IP address is 192.168.1.1.
• If you changed the IP address and have forgotten it, reset the Zyxel Device to factory defaults by pressing **RESET** button for more than 5 seconds.
- Make sure your Internet browser does not block pop-up windows and has JavaScript enabled.
- Make sure you enter the username and password correctly. The default username and password are printed on the Zyxel Device label. If they do not work, reset the Zyxel Device to its factory defaults by pressing the **RESET** button for more than 5 seconds.

Internet Access

- Make sure you insert an 5G/LTE SIM card into the card slot before turning on the Zyxel Device.
- Log into the Web Configurator.
Click Setup Wizard, then check the setting in Step 2 WiFi Setup.
- Make sure 5G/LTE SIM card's account is valid and has an active data plan.
- When using a pre-paid SIM card, insert SIM card on another 5G/LTE device to check if SIM card still works. If SIM card works on another 5G/LTE device, contact the vendor. If SIM card does not work, contact your service provider.

WiFi Connections

- Make sure WiFi is enabled on the Zyxel Device.
- Make sure wireless adapter (installed on your computer) works.

5G/LTE Connections

- Make sure SIM card's account is valid and has an active data plan.