ZYXEL

NR5103EV3
5G NR Indoor Router

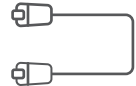# Quick Start Guide

ENGLISH

Package Contents

Zyxel Device
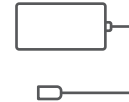
Power Adapter

Ethernet Cable

Quick Start Guide

DoC

Declaration of Conformity Safety Warnings

Support Information

See the Online Help at https://zyxelsp.com/NR-Indoor-Series for configuration assistance and related safety warnings.

1 Hardware Installation
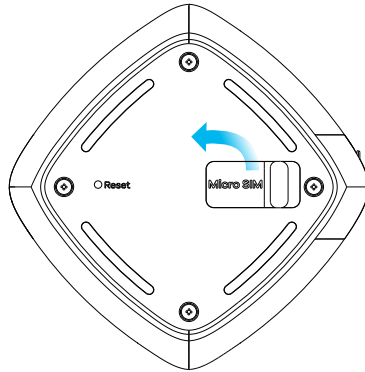
①   **Bottom**

②   **Insert SIM Card into slot**

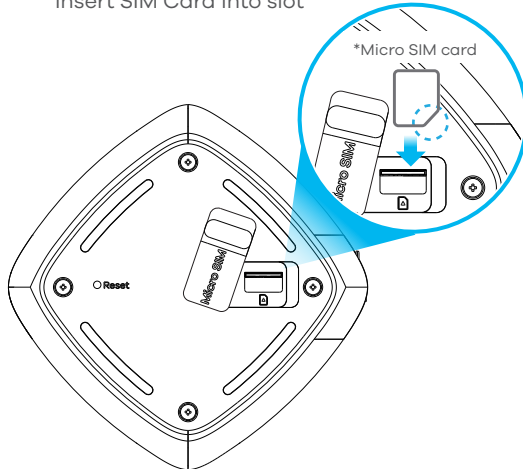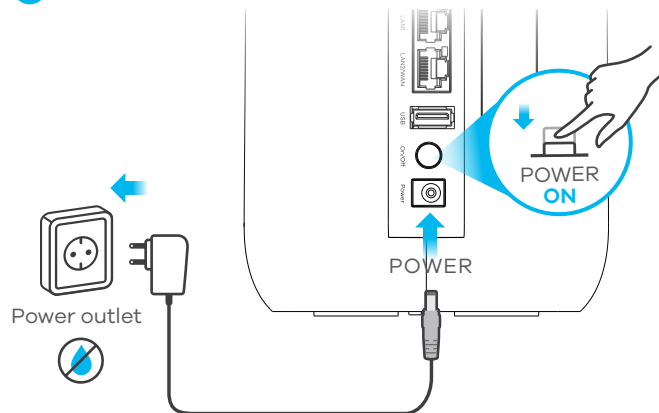*Micro SIM card

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

② Gently push the micro SIM card into the SIM card slot. Put the cover back in place.

Note: If you are using a nano-SIM card, insert it securely into a micro-SIM card adapter to avoid possible damage to your Zyxel Device.

3

Power outlet

POWER

ON

POWER

⚠ Avoid contact with liquid; handle with care.

4
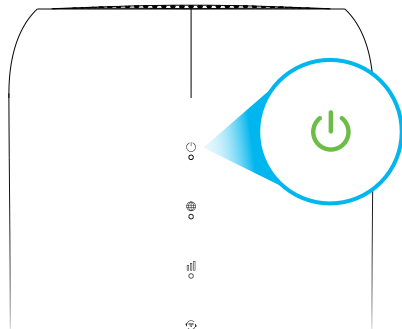
③ Select the type of plug used in your country. Use the included power adapter to connect the power plug to an appropriate power source. Press the **On/Off** button to turn on the Zyxel Device.

④ Check that the **POWER** LED is already on.

2　Network Connection

5-a　Manual Connection (using SSID)

Wi-Fi Name : XXXXXXXXXX
Wi-Fi Password : XXXXXXXXXX

OR

Wi-Fi
Wi-Fi Name : XXXXXXXXXX
Connect

5-b　Automatic Connection (Using WPS)

WPS

Press WPS until
the Wi-Fi LEDs light up.

Wi-Fi
Connect

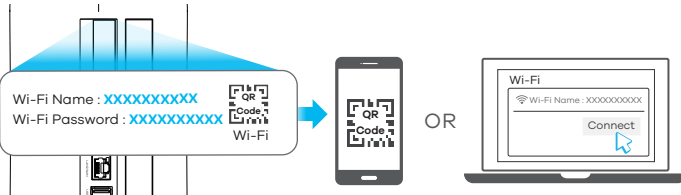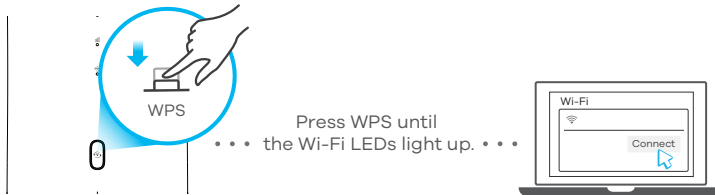**WPS LED Indicator Table**

Wi-Fi/WPS	Green	**Blinking** - The Zyxel Device is establishing WPS connection. **On** - The WLAN interface is enabled.

5-c　Using Ethernet Cable

For example,
Laptop, PC, etc.

5-a Notebook: Use the Wi-Fi Name and Wi-Fi Password on the device label to connect wirelessly to the Zyxel Device. Mobile device: Scan the QR code on the device label and connect to the Zyxel Device Wi-Fi network.

5-b Notebook: Use the Wi-Fi Name and Wi-Fi Password on the device label to connect wirelessly to the Zyxel Device.

Mobile device: Scan the QR code on the device label and connect to the Zyxel Device Wi-Fi network. If the WPS method fails, use the **Wi-Fi Name** (SSID) and **Wi-Fi Password** to set up a Wi-Fi connection.

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

3   Configuration

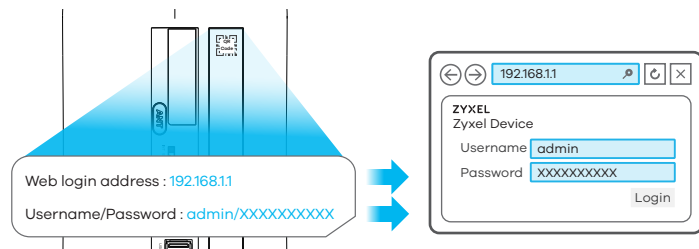Web login address : 192.168.1.1

Username/Password : admin/XXXXXXXXXX

Login

First time login please find Username and Password on device label.

Username
admin

Password
XXXXXXXXXX

or
Scan QR code to login quickly

Log in

6-b

Web login address : 192.168.1.1

Username/Password : admin/XXXXXXXXXX

192.168.1.1

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Zyxel Device

Username admin
Password XXXXXXXXXX
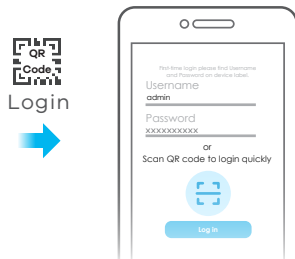
Login

6-a 1. You can download the Zyxel Air app or use the Web Configurator (see the next section) to manage the Zyxel Device.
2. To log in the Zyxel Air app for the first time, scan the Login QR code or enter the admin **UserName** and **Password** from the Zyxel Device label.

6-b Open a web browser and go to http://192.168.1.1. Enter the admin **UserName** and **Password** from the Zyxel Device label, then click **Login**.

LEDs

5 LEDs Indicator Table

Power/ System	Blue	**On** - There is one or more unread SMS messages.
		Blinking - SMS inbox is full.
	Green	**Blinking** - The Zyxel Device is booting.
		On - The power is on.
		Off - The power is off.
	Red	**On** - There is an error, contact your serverice 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 strenggth is good.
		Blinking - There is no SIM card inserted or the SIM card is invalid.
	Green	**On** - The signal strength is fair.
	Red	**On** - The signal strength is poor.
		Blinking- There is no cellular signal or it is too weak to be detected.
Wi-Fi/WPS	Green	**Blinking** - The Zyxel Device is establishing WPS connection.
		On - The WLAN interface is enabled.
		Off - The WLAN interface is disabled.
All LEDs	Green	**Blinking** - The Zyxel Device is resetting to factory default settings or upgrading the firmware

Troubleshooting

Power and Hardware Connections

- Make sure the SIM card is correctly installed in the 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 **Wizard**, then check the setting in Step 2 Wi-Fi Setup.
- Make sure the 5G/LTE SIM card account is valid and has an active data plan.
- When using a pre-paid SIM card, insert the SIM card on another 5G/LTE device to check if the SIM card still works. If the SIM card works on another 5G/LTE device, contact the vendor. If the SIM card does not work, contact your service provider.

Wi-Fi Connections

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

5G/LTE Connections

- Make sure the SIM card's account is valid and has an active data plan.
- Install external antennas to strengthen the cellular signal.