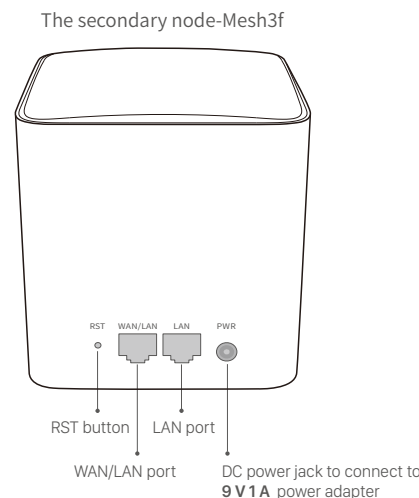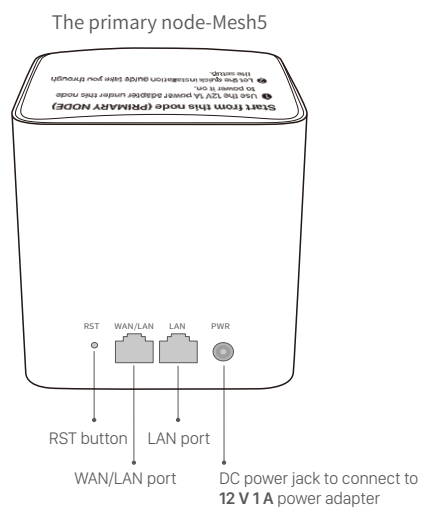## Package contents

- Mesh5 x 1
- Mesh3f x 2
- Ethernet cable x 1
- 12 V 1 A power adapter x 1
- 9 V 1 A power adapter x 2
- Quick installation guide x 1

## Getting to Know Your Device

**The primary node-Mesh5**



RST button
LAN port
WAN/LAN port
DC power jack to connect to **12 V 1 A** power adapter

**The secondary node-Mesh3f**



RST button
LAN port
WAN/LAN port
DC power jack to connect to **9 V 1 A** power adapter

**Tips**

- The MW5s consists of one Mesh5 and one or two Mesh3f. The Mesh5 is the primary node and is used to connect to a modem or an Ethernet jack, and the Mesh3f is the secondary node used to extend the WiFi network of the primary node.
- Use the 12V 1A power adapter to connect to the primary node while the 9V 1A power adapters to the secondary nodes for better stability.

## I Installing the Tenda WiFi App

Download the **Tenda WiFi** App onto your mobile device by searching for **Tenda WiFi** in the App Store/Google Play, or by scanning the QR code. Then, install the App.
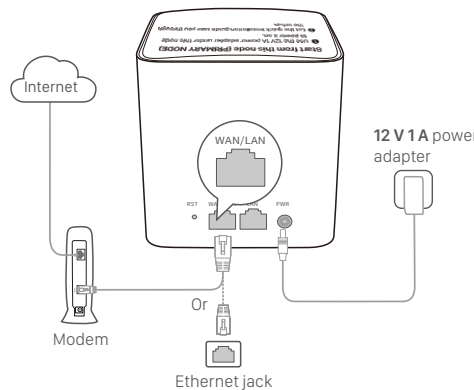


Available for **iOS** and **Android**

Or

**GET IT ON Google Play**
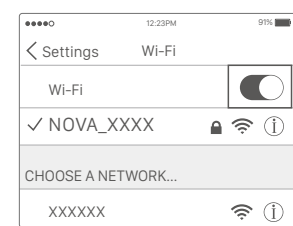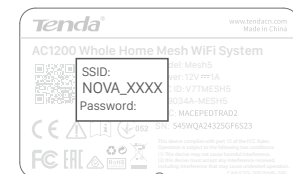
**Download on the App Store**

Tenda WiFi

## II Connecting the Primary Node

1. Power off your modem, and remove its battery (if any).
2. Use the included Ethernet cable to connect a LAN port of your modem or the Ethernet jack to the WAN/LAN port of the primary node (A label is on its top panel).
3. Re-plug your modem and power it on.
4. Use the 12 V 1 A power adapter to connect the primary node to a power source, and its LED indicator lights solid green. Wait for about 40 seconds. The system completes startup when the LED indicator blinks green.



Internet
WAN/LAN
**12 V 1 A** power adapter
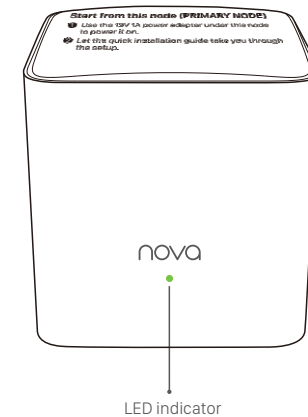Or
Modem
Ethernet jack

## III Connecting the Mobile Device to the Primary Node

Go to the WiFi network list on your mobile device, select the SSID of the primary node, and enter its password. The SSID and password are specified on the bottom label of the primary node.



SSID: NOVA_XXXX
Password

Settings    Wi-Fi

Wi-Fi
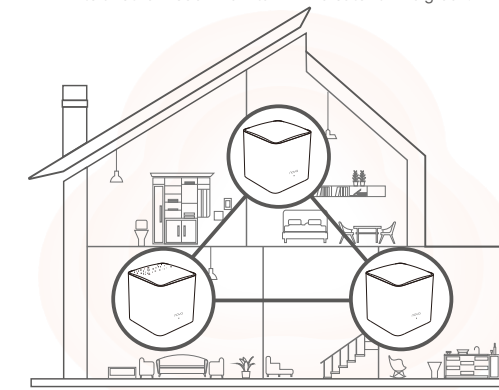
✓ NOVA_XXXX

CHOOSE A NETWORK...

XXXXXX

## IV Connecting the Primary Node to the Internet

Run the **Tenda WiFi** App and follow the on-screen instructions to connect the primary node to the internet.
After it is connected to the internet, its LED indicator should turn a solid green.



nova

LED indicator

## V Connecting the Secondary Nodes to the Internet

1. For the best performance, place each node:
   - in an elevated, open position with coverage area of your existing nova WiFi network. This is approximately 20 – 30 feet or 6 – 9 meters between each node.
   - Keep your nodes away from electrical equipment with strong interference, such as microwave ovens, induction cookers and refrigerators.
2. Use the 9 V 1 A power adapters to connect the secondary nodes to separate power sources, their LED indicators light solid green. Wait for about 40 seconds. The secondary node is connecting to another node when its LED indicator blinks green.

3. When all the nodes are connected, the LED indicators on the secondary nodes show as follows:

| Solid green | Good connection |
|---|---|
| Solid yellow | Fair connection |
| Solid red | Disconnected |

4. If a node's LED indicator does not light solid green, relocate it according to **step 1** in **V** to get a better connection.



**Done.**

- To access the internet:
  - Wired devices: Connect wired devices to the LAN ports of your nodes.
  - Wireless devices: Connect wireless devices to your WiFi network using the SSID and password you set.
- If you want to manage the network anytime, anywhere then access the App, tap 🔵 and login to your account.

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## FAQ

**Q1: How can I change my SSID and password?**
A1: Run the **Tenda WiFi** App, tap **Settings** in the lower-right corner, tap **Wireless Settings**, change your SSID and password, and tap **Save**. After changing your SSID and password, you need to reconnect your mobile devices using the new SSID and password.

**Q2: How can I remove a node from my WiFi network?**
A2: Tap the node on the **Tenda WiFi** App, tap"...."in the upper-right corner, and choose **Delete**.
Note: This removing operation restores the node to factory settings.

**Q3: Can I add another new set of node to expand my network coverage?**
A3: Yes. Run the **Tenda WiFi** App, tap **Settings** in the lower-right corner, tap **Add nova**, and follow the on-screen instructions to add.

**Q4: How to restore my network to factory settings?**
A4: With your nodes powered on, hold the Reset (RST) button of your primary node down using a reset-pin or a paper clip for about 6 seconds. Release it when the LED indicator blinks fast. Your network is reset successfully when the LED indicator lights solid on and then blinks again. And all nodes are then restored to factory settings.

**Q5: My 2.4 GHz WiFi-enabled devices, such as a home security camera, cannot connect to my nova WiFi network. What should I do?**
A5: (1) Connect your smart phone used for setup to your nova WiFi network.
(2) Run the **Tenda WiFi** App, tap **Settings**, **Smart Assistant**, and **Enable**. Your smart phone connects to the 2.4 GHz WiFi network.
(3) Use the smart phone to set up your 2.4 GHz WiFi-enabled device guided by the App of the device you would like to connect.

## LED indicator description

After a node is powered on, the LED indicator lights solid green for about 40 seconds to complete startup. Then, the LED indicator lights one of the following colors:

| Node Type | Status | Description |
|---|---|---|
| The primary node Mesh5 | Blinking green | Connecting to the internet |
| | Solid green | Connected to the internet |
| | Solid red | Disconnected |
| The secondary node Mesh3f | Blinking green | Connecting to the primary node |
| | Solid green | Good connection. |
| | Solid yellow | Fair connection. |
| | Solid red | Disconnected. |

**Tenda®**