

# NOVA

AC1200 Whole Home Mesh WiFi System  
MW5G/MW5c  
2-pack, 3-pack

## Quick Installation Guide

# Tenda

### Package contents

#### MW5G (2-pack) & MW5c (2-pack)

- Mesh5 x 2
- Ethernet cable x 1
- Power adapter x 2
- Quick installation guide x 1

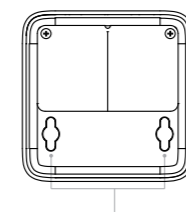
#### MW5G (3-pack) & MW5c (3-pack)

- Mesh5 x 3
- Ethernet cable x 1
- Power adapter x 3
- Quick installation guide x 1

### Know your device



RST button  
DC power jack  
LAN port  
WAN/LAN port



Wall-mounting hole: Used to fix the device to the wall.  
Recommended specifications are:  
Screws: PA3\*14 mm; head diameter: 5.2 mm;  
head thickness: 1.8 mm  
Plastic anchor: inner diameter: 2.4 mm; length: 26.4 mm  
The equipment is only suitable for mounting at heights ≤ 2m

### I Install the Tenda WiFi App

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



Available for iOS and Android

Or

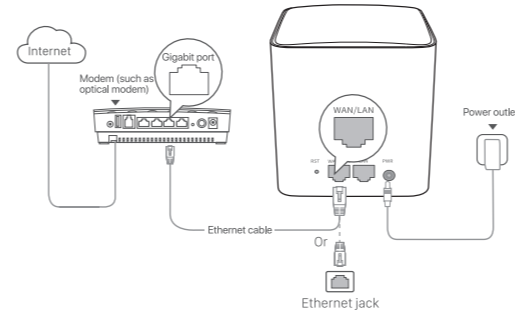


### II Connect the primary node

\* The first node you set up functions as the primary node, while the rest are referred to as the secondary nodes.

**Tips:**  
If you do not use the modem for internet access, please skip steps 1 and 3.

1. Power off your modem.
2. Use the included Ethernet cable to connect a LAN port of your modem or the Ethernet jack to the **WAN/LAN** port of any node. This node is your primary node.
3. Power on your modem.
4. Use the included power adapter to connect the primary node to a power source, the LED indicator lights solid green. Wait about for 40 seconds. The system completes startup when the LED indicator blinks green.

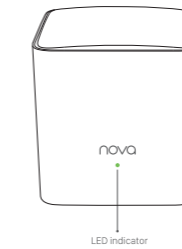


### III Connect the primary node to the internet

⊙ 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 any node.



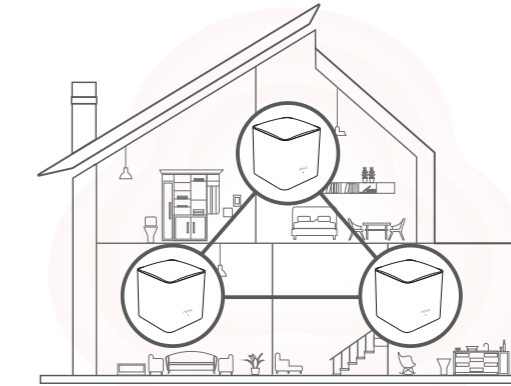
⊙ Run the **Tenda WiFi** App and follow the onscreen instructions to connect the primary node to the internet.  
After the primary node is connected to the internet, its LED indicator lights solid green.



### IV Connect the secondary nodes to the internet

⊙ Place each node:  
- At a high and open area.  
- Ensure that the wall between any two nodes is less than two.  
- Keep your nodes away from electronics with strong interference, such as microwave oven, induction cooker, and refrigerator.

The MW5G (3-pack) is taken as an example here.



⊙ Power on the secondary nodes, and 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.

⊙ Observe the LED indicators of the secondary nodes until their LED indicators light one of the following colors:

Solid green	Good connection
Solid yellow	Fair connection
Solid red	Disconnected

⊙ If a node's LED indicator does not light solid green, relocate it according to step 1 in **IV Connect the secondary nodes to the internet** for 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, tap ⊙ and use your account to log in.

### FAQ

#### Q1. How can I remove a node from my WiFi network?

**A1.** Tap the node on the **Tenda WiFi** App, tap ... in the upper-right corner and choose **Delete**.  
Note: Removing operation restores the node to factory settings.

#### Q2. Can I add another new set of nodes to expand my network coverage?

**A2.** Yes. Run the **Tenda WiFi** App, tap **Settings** in the lower-right corner, tap **Add nova**, and follow the on-screen instructions.

#### Q3. How to restore my network to factory settings?

**A3.** With your nodes powered on, hold the **RST** button of your primary node down using a sharp item (such as a pin) for about 6 seconds, and release it when the LED indicator blinks fast. Your network is reset successfully when the LED indicator lights solid green then blinks slowly again. And all nodes are restored to factory settings.

#### Q4. My 2.4 GHz WiFi-enabled devices, such as a home security camera, cannot connect to my nova WiFi network. What should I do?

**A4.** Please try the following solutions:

- Step 1 Connect your smartphone used for setup to your nova WiFi network.
- Step 2 Run the **Tenda WiFi** App, tap **Settings** > **Smart Assistant** to enable it. Your smartphone connects to the 2.4 GHz WiFi network.
- Step 3 Use the smartphone to set up your 2.4 GHz WiFi-enabled device guided by the App of the camera.

### LED indicator description

After a node is powered on, the LED indicator lights solid green for about 40 seconds to complete startup. The status of the LED indicator is shown in the following table:

Node Type	Status	Description
The primary node	Blinking green fast	Connecting to the internet
	Solid green	Connected to the internet
	Solid red	Failed to connect to the internet
The secondary node	Blinking green fast	Connecting to a node
	Blinking green slowly	Wait for connecting to another node, or searching for another node
	Solid green	Good connection
	Solid yellow	Fair connection
	Solid red	Disconnected or failed to connect to the internet

# CE

### CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.  
Operations in the 5.15-5.25GHz band are restricted to indoor use only. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.  
The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.  
**WARNING:** The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

### Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the radio equipment type Mesh5/MW5G/MW5c (MW5G/MW5c is composed of one to three Mesh5) is in compliance with Directive 2014/53/EU.  
The full text of the EU declaration of conformity is available at the following internet address:  
<https://www.tendacn.com/download/list-9.html>  
Operate Frequency:  
2.4 GHz: EU/2400-2483.5MHz (CH1-CH13)  
5 GHz: EU/5150-5250MHz (CH36-CH48)  
EIRP Power (Max.):  
2.4 GHz: <20 dBm  
5 GHz: <23 dBm  
Software Version: V16.03.24.X

# FCC

### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
— Reorient or relocate the receiving antenna.  
— Increase the separation between the equipment and receiver.  
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
— Consult the dealer or an experienced radio/TV technician for help.  
The device is for indoor usage only.  
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

### Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.  
Operating frequency: 2412-2462MHz, 5150-5250MHz, 5725-5850MHz

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

### Safety Precautions

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.  
- Do not use the device in a place where wireless devices are not allowed.  
- Please use the included power adapter.  
- Mains plug is used as the disconnect device, and shall remain readily operable.  
- The power socket shall be installed near the device and easily accessible.  
- Operating environment: Temperature: 0°C - 40°C; Humidity: (10% - 90%) RH, non-condensing; Storage environment: Temperature: -40°C - 70°C; Humidity: (5% - 90%) RH, non-condensing.  
- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.  
- Unplug this device and disconnect all cables during lightning storms or when the device is unused for long periods.  
- Do not use the power adapter if its plug or cord is damaged.  
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.  
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.



**Caution:**

Adapter Model: BN073-A12012E/BN073-A12012B/BN073-A12012U  
Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.  
Input: 100 - 240 V, AC, 50/60 Hz, 0.4 A  
Output: 12 V, DC, 1 A  
--- : DC Voltage



**RECYCLING**

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.  
User has the choice to give his product to a competent recycling organization or to the retailer when he buys new electrical or electronic equipment.

Operating Temperature: 0°C-40°C  
Operating Humidity: (10 - 90)% RH, non-condensing

For EU/EFTA, this product can be used in the following countries:



### Technical Support

Shenzhen Tenda Technology Co., Ltd.  
6-8 Floor, Tower E3, NO.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052  
USA hotline: 1-800-570-5892  
Toll Free: 7 x 24 hours  
Canada hotline: 1-888-998-8966  
Toll Free: Mon - Fri 9 am - 6 pm PST  
Hong Kong hotline: 00852-81931998  
Global hotline: +86 755-2765 7180 (China Time Zone)  
Website: [www.tendacn.com](http://www.tendacn.com)  
E-mail: [support.nova@tenda.com.cn](mailto:support.nova@tenda.com.cn)

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