Tenda

AC1300 Wireless Dual Band USB Adapter · U12

User Guide

Copyright statement

Disclaimer

Preface

This user guide instructs you to install and configure the wireless USB adapter U12. Please read carefully before you start to use this product.

If you have any problem or suggestion about the product or the User Guide, contact us.

Contact Method	Contact Information
Technical support Email	support@tenda.com.cn
Sales Email	sales@tenda.com.cn
Telephone	(86 755) 2765 7180
Website	http://www.tendacn.com
Skype	Tendasz
YouTube	Tendasz1999

Table of contents

Chapter 1 Product introduction

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1.1 Overview

This wireless USB adapter U12 is used to set up a high-speed WiFi connection between a computer and a wireless router, regardless of whether the computer has wireless connection functionality.

The wireless USB adapter has a WPS button and an LED, as shown in the following figure.

WPS Hold down this button for 1~3 seconds to pair up with another device, such as a router or an AP.

LED Slow blinking: Ready to work.
Fast blinking: Transmitting or receiving data.
Off: Not connected to a computer.
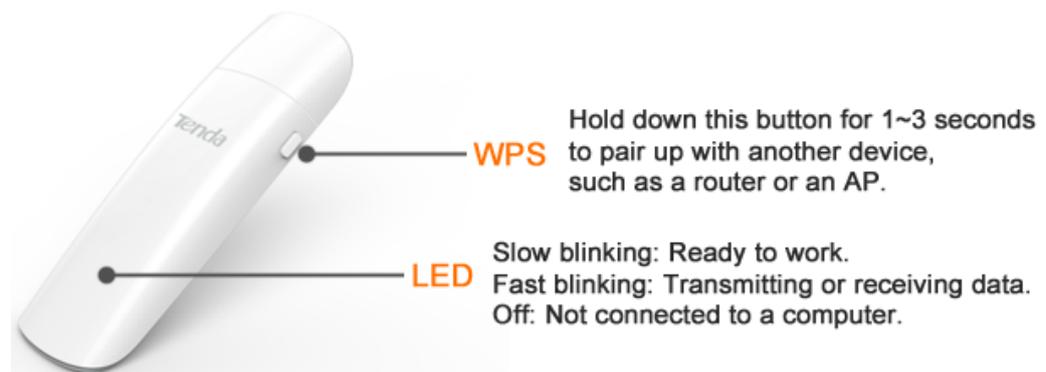
1.2 Features

- Support the speed of up to 867 Mbps (5GHz) + 400Mbps (2.4GHz).
- Be Compliant with IEEE 802.11ac/a/b/g/n standards.
- Support WEP, WPA-PSK, and WPA2-PSK security modes.
- Support the WPS function.
- Be compatible with Windows 10/8.1/8/7/XP, and MAC OS.
- Adopt a USB3.0 interface that offers 10 times of the data transfer speed of an USB 2.0 interface and compatible with USB2.0.
- Support flexible placement with the included USB extension cable.

1.3 Package contents

- Wireless dual band USB adapter * 1
- USB extension cable * 1
- CD Resource * 1
- Install Guide * 1

Chapter 2 Product installation

Before accessing the UI of the wireless USB adapter, perform the following procedure to finish installation.

To avoid network conflicts between this wireless USB adapter and other network adapters, it is recommended that you disable other network adapters before installing the wireless USB adapter. For details, see Disable other network adapter.

2.1 Connecting the wireless USB adapter to your computer

Method 1 Connect the wireless USB adapter to the USB port of your computer using the USB extension cable.

For flexible placement to get better WiFi signals from a router, it is recommended that you use the USB extension cable.

Method 2 Connect the wireless USB adapter to the USB port of your computer directly.

2.2 Installing the program

Windows 7 is used as an example to describe the installation procedure. You can refer to this procedure when installing the program on another OS.

Step 1 Insert the included CD Resource to the CD drive of your computer.

If your computer has no CD drive, go to www.tendacn.com to download the program of the product and make sure that the directory of the downloaded program does not include Chinese characters. Otherwise the installation may fail.

Step 2 Open the root directory of the CD Resource and double-click ![Setup.exe] to run the installation wizard.

Step 3 Select **Accept the agreement** and click **Install Now**.
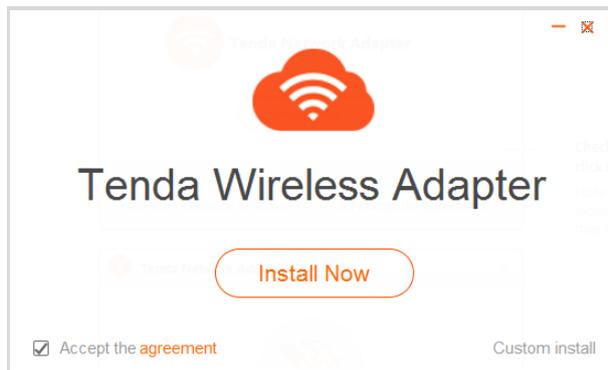
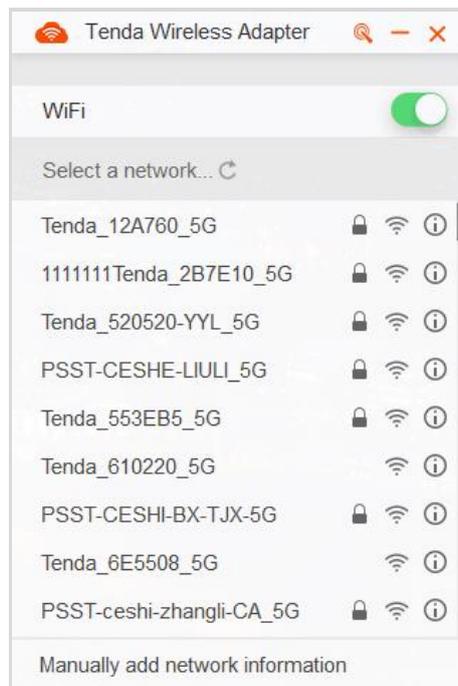Wait a few minutes for the installation process to complete and the program UI to appear

----End

Chapter 3 Product function

3.1 Overview

On this main UI, you can connect the wireless USB adapter to a WiFi network or perform other operations.

The elements on the main UI are described below.

Element	Description
	To configure WPS function, click this button.
	To turn on or turn off the WiFi function of this USB adapter, click this button.
	To refresh the available networks list, click this button.
	It indicates that the network is encrypted.
	To view more information about a WiFi network, click this button.

You can connect this wireless USB adapter to a wireless router by:

- Selecting a WiFi network from the available networks list
- Using the WPS function
- Using Windows built-in WiFi program

3.2 Selecting a WiFi network from the available networks list for WiFi network connection

If you have a WiFi router with internet connectivity, you can connect the wireless USB adapter to the router for internet service.
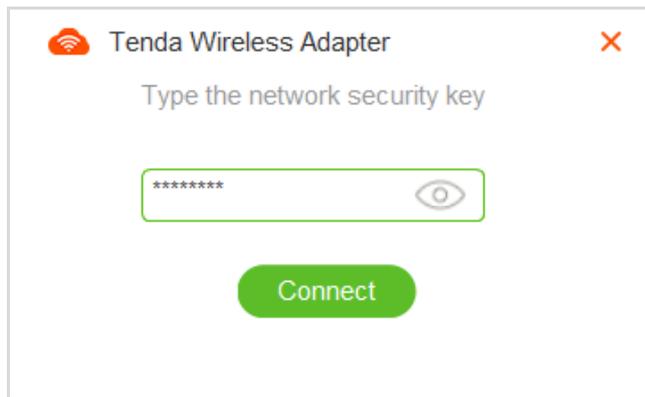

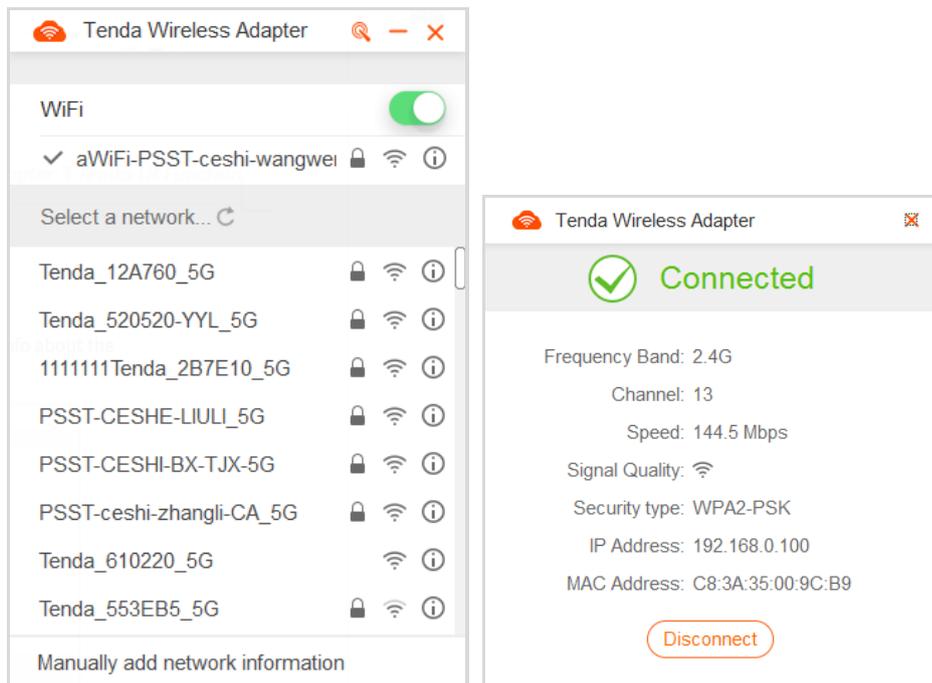## 3.2.1 Connecting to a WiFi network whose name is not hidden

Step 1 Launch the program UI and click your WiFi name.

Step 2 Enter the WiFi password and click **Connect**.

After you are connected to the WiFi network, you can click ⓘ to see more information about the connected network.
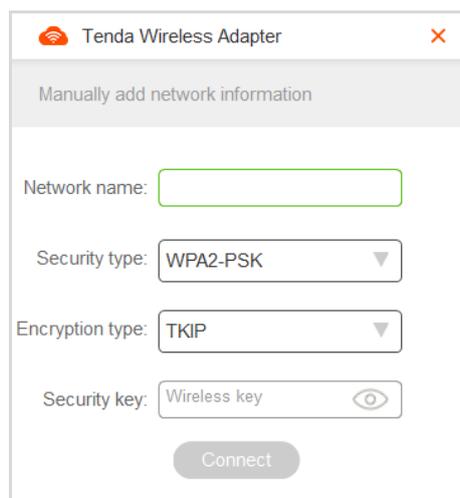

----End

3.2.2 Connecting to a WiFi network whose name is hidden

Step 1 On the main UI, click **Manually add network information**.

Step 2 On the pop-up dialog box, enter the information of your WiFi network, such as the network name (WiFi Name) and security key (WiFi Password), and click **Connect**.

----End

3.3 Using the WPS function for WiFi network connection

If your router supports WPS function, you can use the WPS function of this wireless USB adapter to perform WiFi network connection without entering a WiFi password.
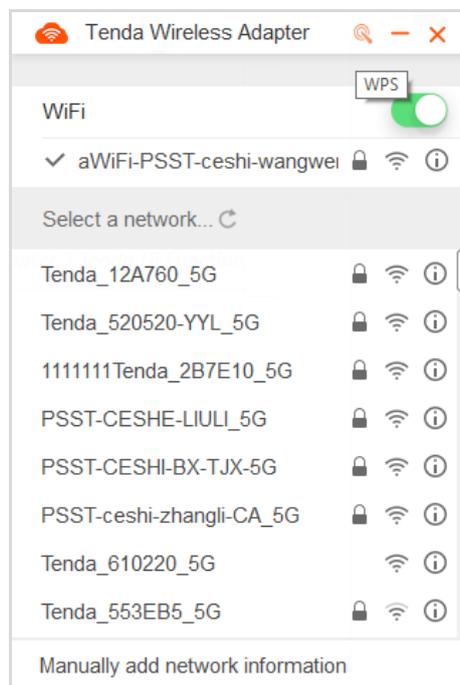
There are two ways to perform WPS function:

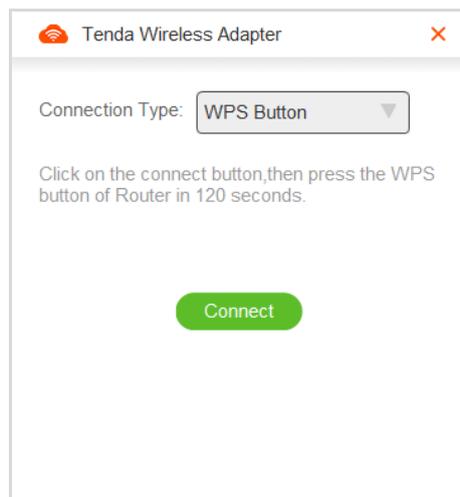- [Using the WPS button](#)
- [Using a PIN code](#)

3.3.1 Connecting to a WiFi network using the WPS button

3.3.1.1 Using the WPS button on the program

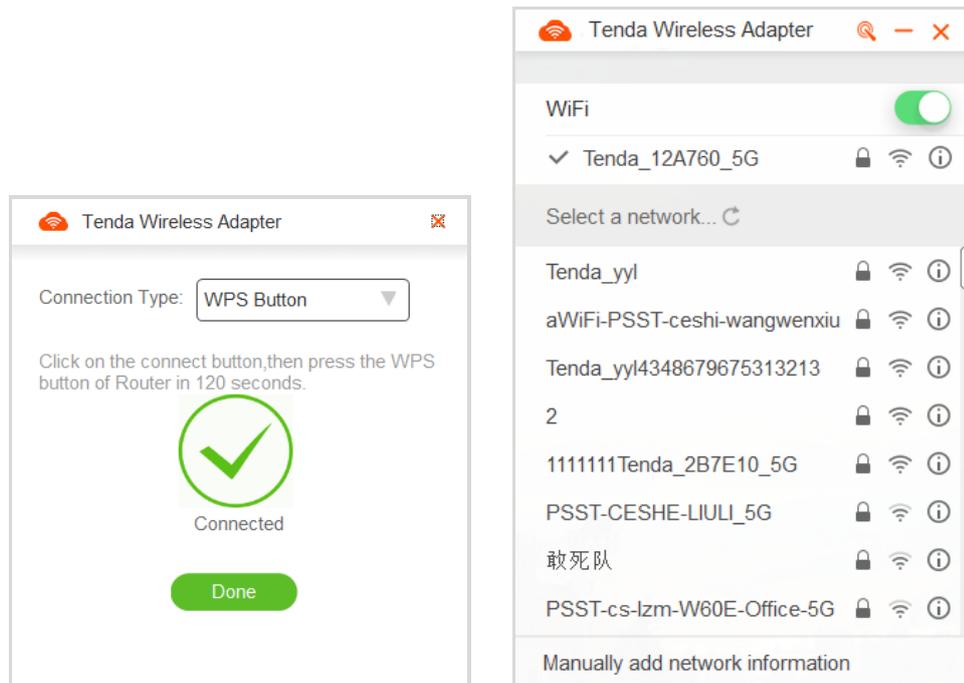**Step 1** Launch the main UI of this wireless USB adapter and click 🔍.

Step 2 Set **Connection Type** to **WPS button** and click **Connect**.

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Step 3 Within two minutes, enable the WPS function of your router. For details, see the user guide of your router.

The wireless USB adapter starts to connect to the router.

After the connection is successful, you can go to the main UI of the wireless USB adapter to check the connection status of the the WiFi network.

----End

3.3.1.2 Using the WPS button on the product

Step 1 Launch the main UI of this wireless USB adapter.

Step 2 Hold down the WPS button on the product for 1~3 seconds.

Step 3 Within two minutes, enable the WPS function of your router. For details, see the user guide of your router.

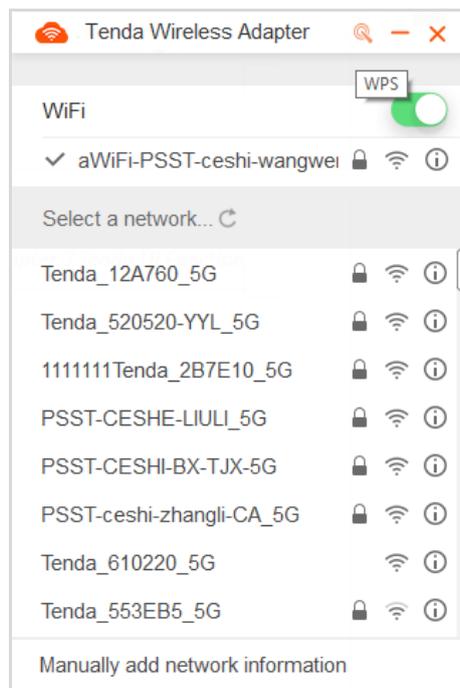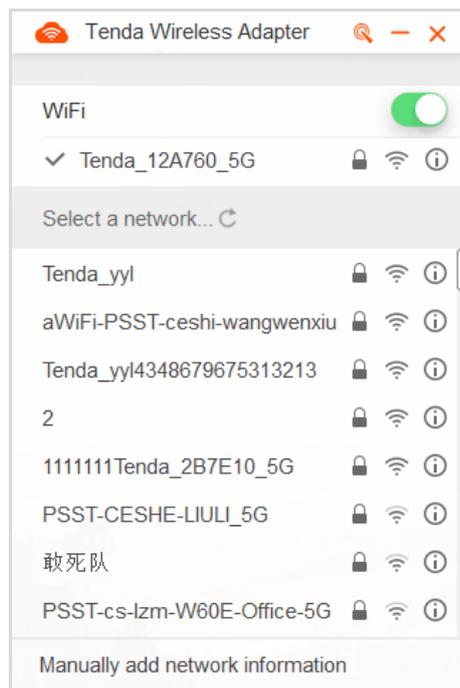The wireless USB adapter starts to connect to the router.

After the connection is successful, you can go to the main UI of the wireless USB adapter to check the connection status of the the WiFi network.
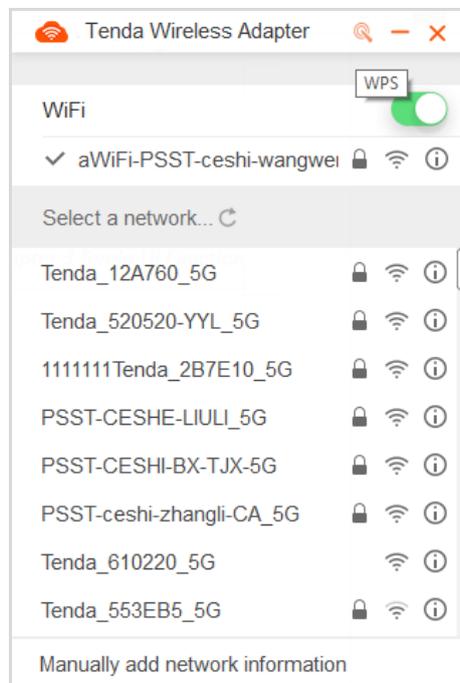
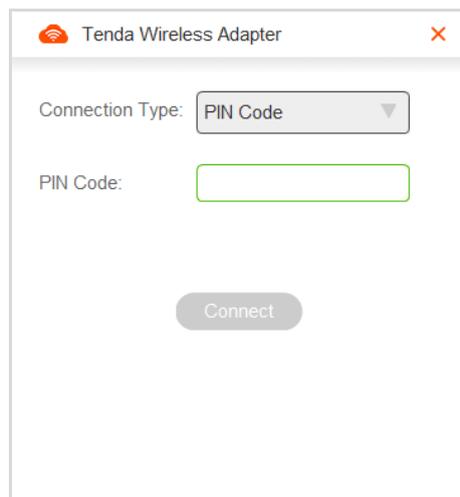   ----**End**

3.3.2 Connecting to a WiFi network using a PIN code

Step 1 Launch the web UI of your router, enable WPS function, and note down the PIN code. For details, see the user guide of your router.

Step 2 Launch the main UI of this wireless USB adapter and click 🔍.

Step 3 Set **Connection Type** to **PIN Code**, enter the PIN code of your router, and click **Connect**.

When the connection is successful, you can go to the main UI of the wireless USB adapter to check the state.

----End

3.4 Using Windows built-in WiFi program for WiFi network connection

Except using the UI of the wireless USB adapter, you can use the Windows built-in WiFi program to connect the wireless USB adapter to a WiFi network.

Windows 8/7/XP OS are used as examples to describe the WiFi network connection procedure. You can refer to the procedures when performing the WiFi network connection on another OS.

3.4.1 Using Windows 8 built-in WiFi program

Step 1 Click the icon ⬛ or ⬛ on the lower right corner of your desktop.
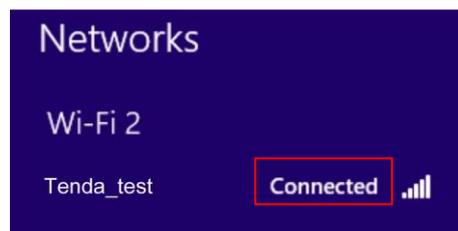
Step 2 Select the WiFi name of your router from the list, click **Connect** and then follow onscreen instructions.

If you cannot see the list, make sure that the Airplane Mode is not enabled on your computer.

When you are connected to the WiFi network, **Connected** appears.

----End

3.4.2 Using Windows 7 built-in WiFi program

Step 1 Click the network icon (, or) on the lower-right corner of your desktop to display the available WiFi networks.

Step 2 Select the WiFi name of your router, click **Conncet** and follow onscreen instructions.
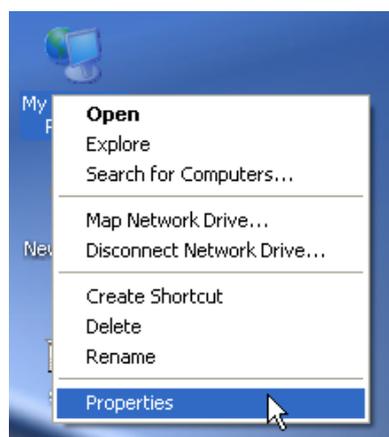
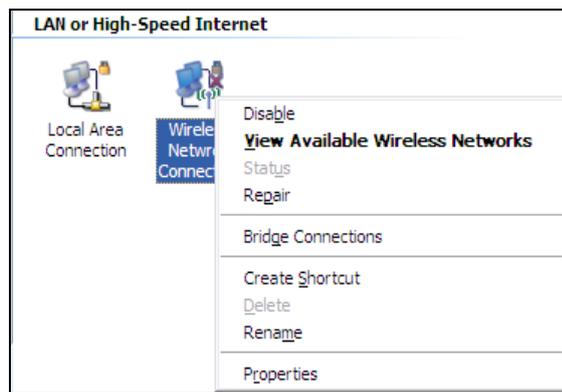When you are connected to the WiFi network, **Connected** appears.

----**End**

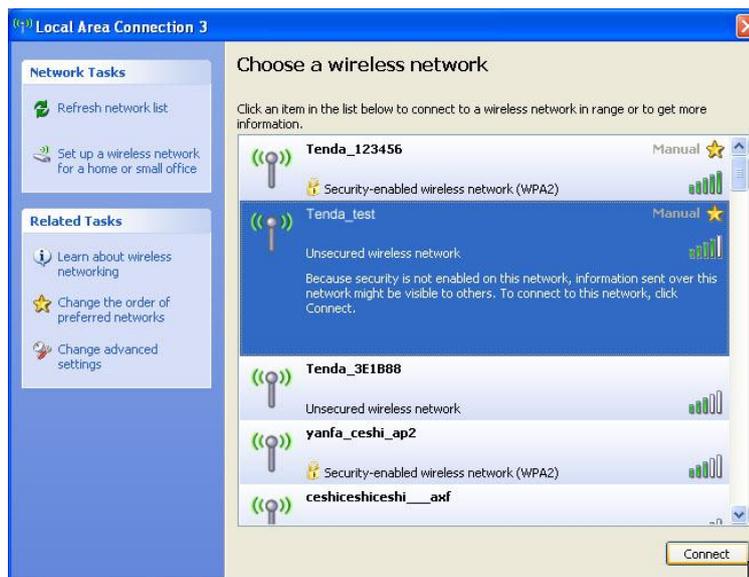## 3.4.3 Using Windows XP built-in WiFi program

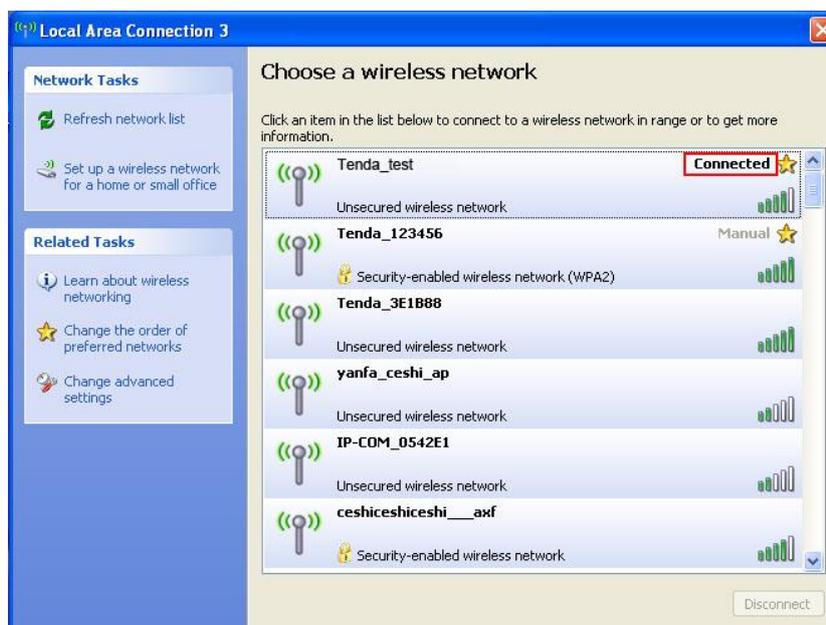**Step 1**   Right-click **My Network Places**, and select **Properties**.

Step 2   Right-click **Wireless Network Connection**, and select **View Available Wireless Networks**.

Step 3 Find and click the WiFi name of your router and then follow onscreen instructions.

Step 4 When you are connected to the WiFi network, **Connected** appears.

----End

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3.5 Details about the program

If you want to obtain information about the program, such as its version, contact method, or website, right-click the icon 🛜 in the lower-right corner of your desktop, and click **About**.

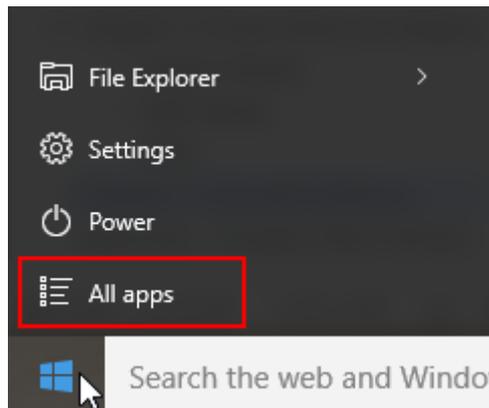Then the **About** information appears.

Chapter 4 Uninstalling the program

Windows 10/8/7 OS are used as examples to describe the uninstallation procedures. You can refer to the procedures when uninstalling the program on another OS.

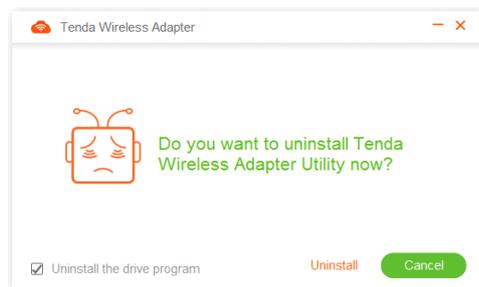## 4.1 Uninstalling the program on Windows 10

Step 1 Click the icon   and select **All apps**.

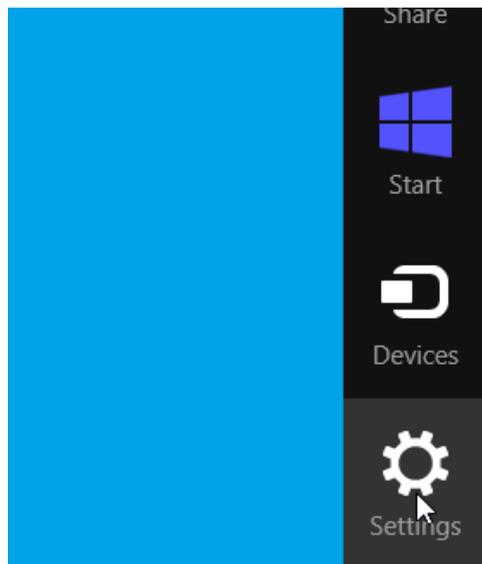**Step 2** Choose **Tenda** > **Uninstall**.

Step 3 On the pop-up dialog box, click **Uninstall**.
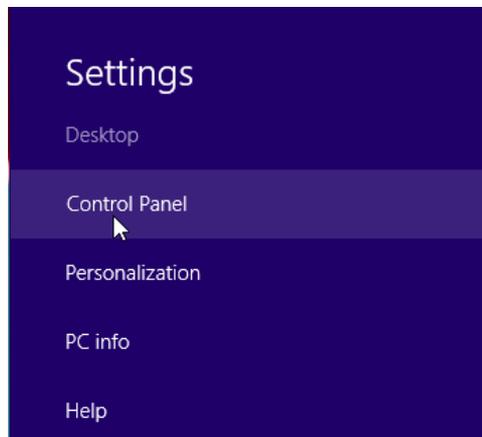

----End

4.2 Uninstalling the program on Windows 8

Step 1 Move the cursor to the upper-right corner of the desktop and click **Settings**.

Step 2 Click Control Panel.

Step 3 Click **Uninstall a program** under Programs.

Step 4 Right-click the program and choose **Uninstall**.
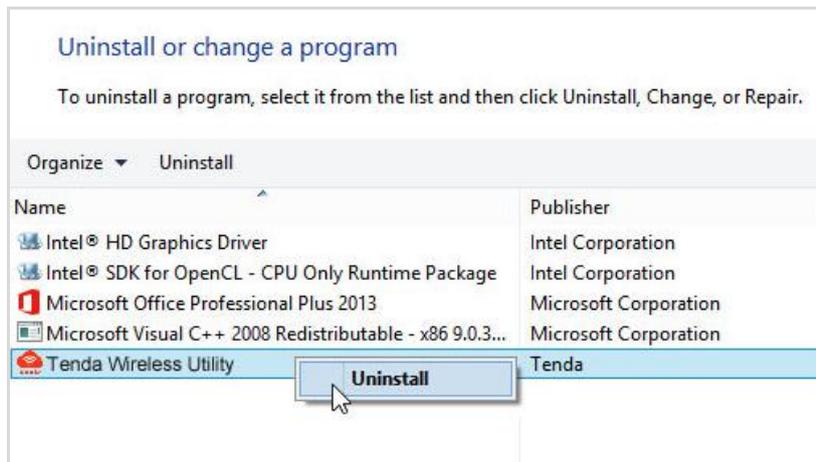
Step 5 On the pop-up dialog box, click **Uninstall**.
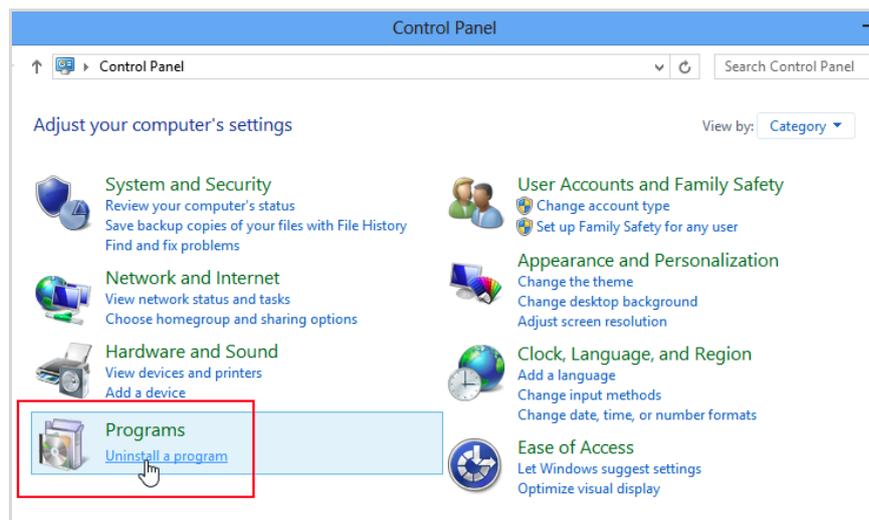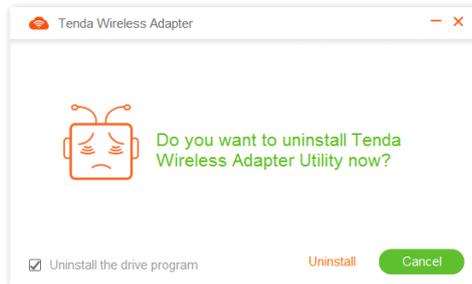

----End

4.3 Uninstalling the program on Windows 7

Step 1 Click **Start** and select **Control Panel**.
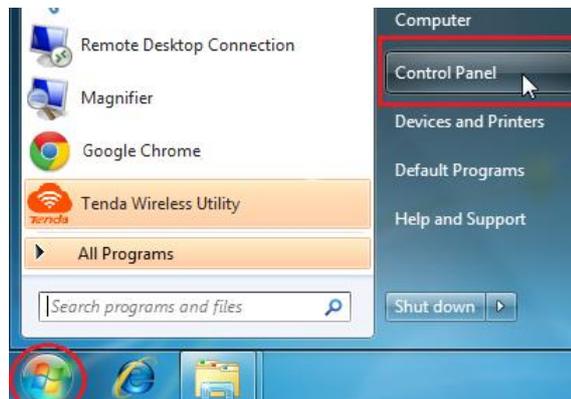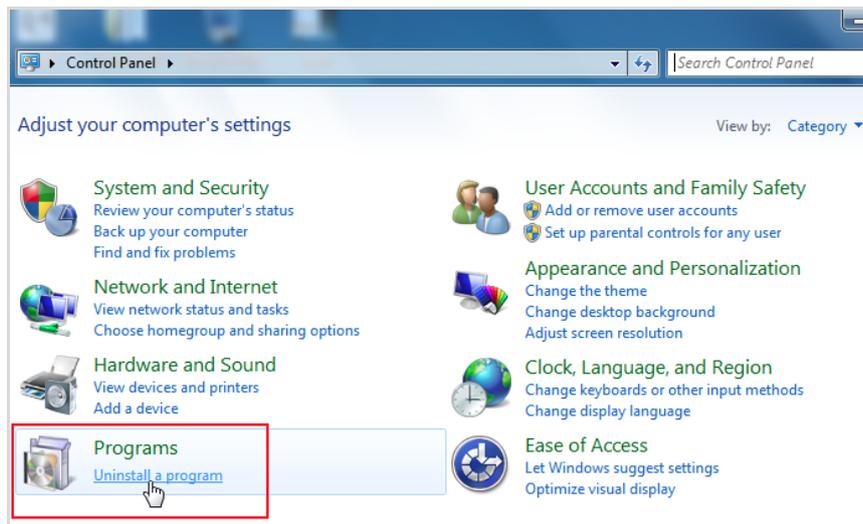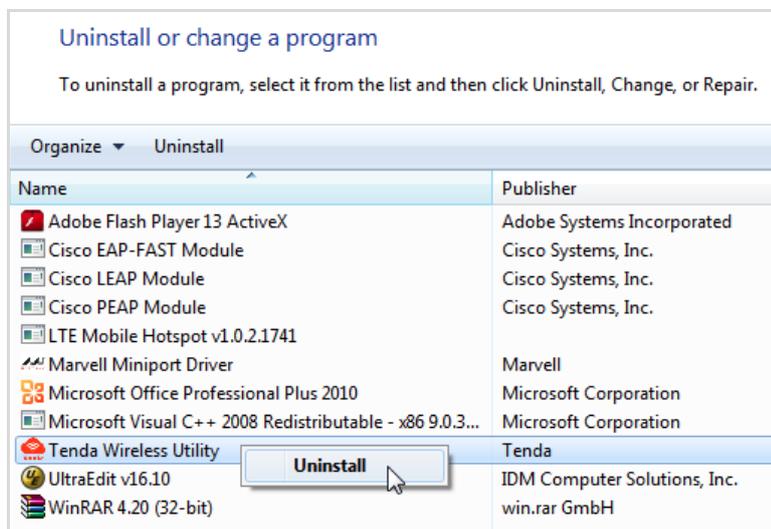

Step 2 Click **Uninstall a program** under Programs.

Step 3 Find and right-click the program to uninstall it.

Step 4 On the pop-up dialog box, click **Uninstall**.

----End

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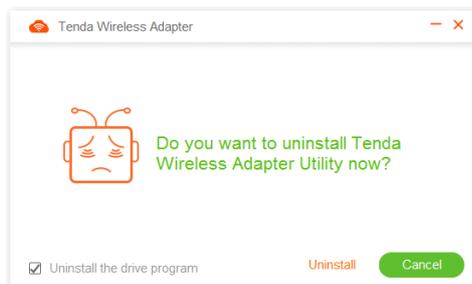
Appendix

FAQs

Q1 I failed to connect to a WiFi network using the wireless USB adapter. What should I do?

A1 Verify that:

- You have entered the correct WiFi password.
- You have entered the correct WiFi name and WiFi password if you are manually connecting to a hidden network.

Q2 I failed to do WPS connection with my router. What should I do?

A2 Verify that:

- The radio signals between the wireless router and the wireless USB adapter are not blocked.
- The WPS function of the router is enabled. For details, see the user guide of the router.
- The WPS function of the wireless USB adapter is enabled, which means that the LED of the wireless USB adapter is blinking.

Disable other network adapters

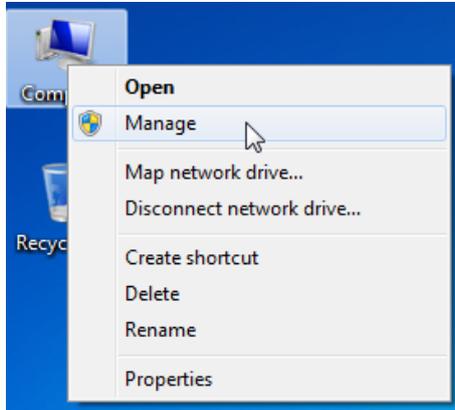To avoid network conflict between this wireless USB adapter and other network adapters, it is recommended that you first disable other network adapters before installing the wireless USB adapter. Here we take Windows 7 OS as an example. The steps on other OS are similar.

Step 1 Right-click **Computer** and select **Manage**.

Step 2 On the pop-up screen, select **Device Manager** 〉 **Network adapters**, and right-click the network adapter you want to disable and click **Disable**.
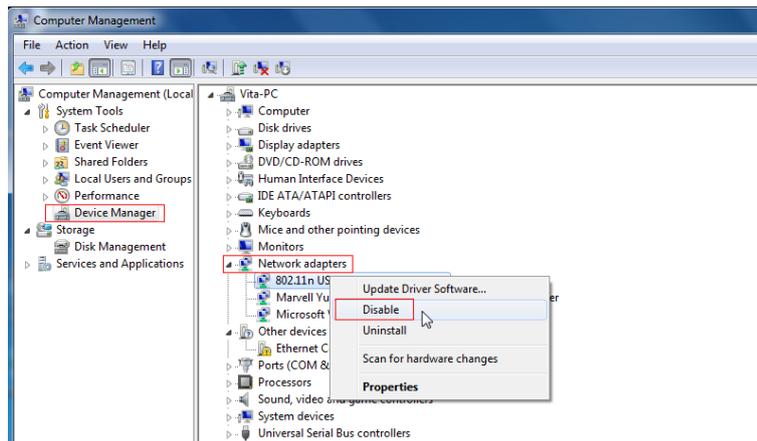
Step 3 On the pop-up dialog box, click **Yes** to disable the network adapter.

----End

Safety and emission statement

$C \in$

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO. LTD. declares that the radio equipment type U12 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: http://www.tendacn.com/en/service/page/ce.html
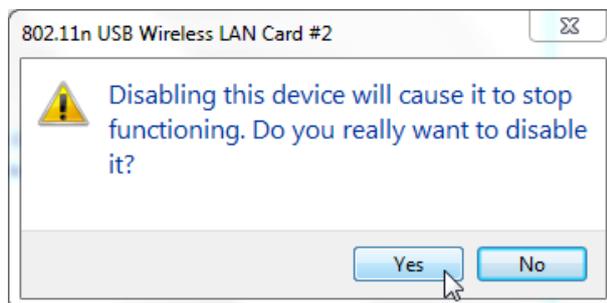
Operate Frequency:

2.4G: EU/2400-2483.5MHz (CH1-CH13)

5G: EU/5150-5250MHz (CH36-CH48)

EIRP Power (Max.):

2.4GHz: 12.9dBm

5GHz: 12.8dBm

FC

FCC Statement

This device is restricted to be used in the indoor.

This device complies with Part 15 of the FCC Rules. 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.

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 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.

FCC 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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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.

EAC