



Tenda AC1200 Wi-Fi Modem Router Instruction Manual

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Tenda®

Tenda AC1200 Wi-Fi Modem Router



Product Information

Specifications

- Model: AC1200 Dualband Wi-Fi Gigabit VDSL/ADSL Modem Router V12
- **Package Contents:**
 - Modem router x 1
 - Power adapter x 1
 - Ethernet cable (RJ45) x 1
 - Phone cable (RJ11) x 2
 - DSL splitter x 1
 - Quick installation guide x 1
- For detailed product or function information, please visit www.tendacn.com

LED Indicators

LED Indicator	Color	Status	Description
DSL	Green	Solid on	Reserved for future use. The DSL negotiation is successful.
5G	Green	Blinking	The modem router is performing DSL negotiation.
		Off	The port is disconnected or not connected properly.
2.4G	Green	Off	5 GHz WiFi network is enabled.
		Solid on	Data transmission is under way over 5 GHz WiFi network.
WPS	Green	Blinking	Data transmission is under way over 2.4 GHz WiFi network.
		Off	2.4 GHz WiFi network is disabled.
1-4	Green	Solid on	A WPS connection is established.
		Off	The modem router is performing WPS negotiation.
USB	Blinking	–	A USB device is properly connected to the modem router.
	Off	–	No USB device is connected or the USB device is ejected safely.
	Solid on	–	Data transmission is under way.
INET	Blinking Red	–	The modem router has connected to the internet.
PWR	Blinking Green	–	The system is starting up.
PWR	Solid on	–	The system is working properly.

Ports and Buttons

B u t t o n/ P o r t	Description
O N/ O F F	Power button. Used to turn on/off the modem router.
P W R	Power port. Use the included power adapter to connect this port to a power source for power supply.
U S B	USB V2.0 port. Used to connect to a USB storage device for file sharing.
1/ 2/ 3	LAN ports. Used to connect to wired devices, such as computers and IPTV set-top boxes.
4	WAN/LAN port. If you intend to set up the modem router for cable or fiber service or you use the modem router as a second router, port 4 can be used as a WAN port connected to the Ethernet jack. Otherwise, it serves as a LAN port.
W P S/ W i- F i	<ul style="list-style-type: none"> It serves as both WPS and Wi-Fi button. <ul style="list-style-type: none"> WPS: Enable the WPS function on the web UI, and then hold down this button for about 3 seconds. When the WPS LED indicator blinks, the modem router is performing WPS negotiation. Wi-Fi: Press this button to enable or disable both 2.4 GHz and 5 GHz WiFi networks. When the PWR LED indicator lights solid green, hold down this button for about 6 seconds and release it when all LED indicators light off and blink once. When the PWR LED indicator lights solid green again, the modem router is reset successfully.
D S L	If you intend to set up the modem router for DSL service, this port is used to connect DSL.

Product Usage Instructions

Quick Installation Guide

This guide offers a basic introduction to the modem router and walks you through Quick Setup.

Setup Steps

Follow these steps to set up your AC1200 Dualband Wi-Fi Gigabit VDSL/ADSL Modem Router

Step 1: Hardware Connection

1. Connect one end of the included phone cable (RJ11) to the DSL port on the modem router.

2. Connect the other end of the phone cable to the phone jack in your wall.
3. If you have a telephone, connect it to the DSL splitter using another phone cable (RJ11).
4. Connect one end of the included Ethernet cable (RJ45) to any of the LAN ports (1/2/3) on the modem router.
5. Connect the other end of the Ethernet cable to your computer or other wired device.
6. Connect the included power adapter to the Power port on the modem router and plug it into a power outlet.

Step 2: Power On and Configuration

1. Press the ON/OFF button to turn on the modem router.
2. Wait for the LED indicators to stabilize.
3. Open a web browser on your computer.
4. Type "192.168.1.1" in the address bar and press Enter.
5. Enter the default username and password (usually "admin" for both) to log in to the modem router's web interface.
6. Follow the on-screen instructions to complete the initial configuration.

Step 3: Internet Connection

After completing the initial configuration, you need to set up an internet connection

1. Go to the WAN settings page on the modem router's web interface.
2. Select the appropriate connection type (DSL, cable, fiber, etc.).
3. Enter the required details provided by your internet service provider (ISP).
4. Save the settings and wait for the modem router to establish the internet connection.

Your AC1200 Dualband Wi-Fi Gigabit VDSL/ADSL Modem Router is now set up and ready to use. You can connect your devices to the Wi-Fi network or use the LAN ports for wired connections.

Frequently Asked Questions (FAQ)

• Q: Where can I find more detailed product or function information?

A: For more detailed information, please visit the official website at www.tendacn.com.

Quick Installation Guide

AC1200 Dualband Wi-Fi Gigabit VDSL/ADSL Modem Router V12

Package contents

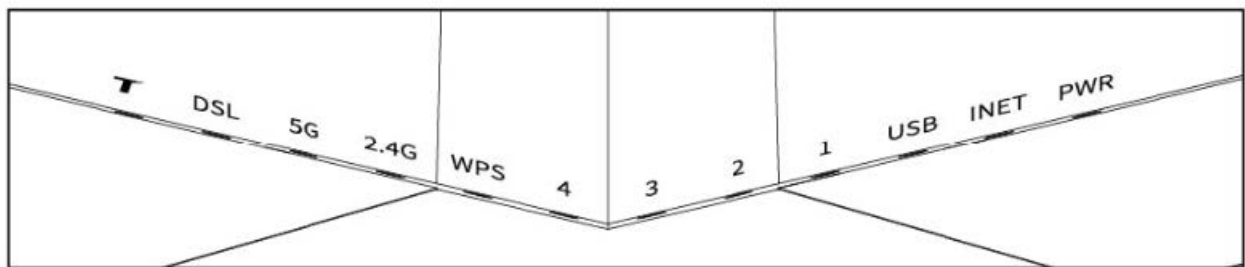
- Modem router x 1
- Power adapter x 1
- Ethernet cable (RJ45) x 1
- Phone cable (RJ11) x 2
- DSL splitter x 1
- Quick installation guide x 1

This guide offers a basic introduction of the modem router and walks you through Quick Setup. For product or

function details, please go to www.tendacn.com

Get to know your device

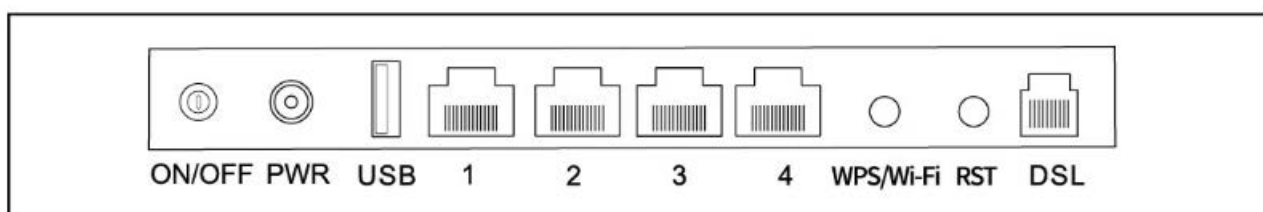
LED indicators



LED Indicator	Color	Status	Description
T			Reserved for future use.
DSL	Green	Solid on	The DSL negotiation is successful.
		Blinking	The modem router is performing DSL negotiation.
	/	Off	The port is disconnected or not connected properly.
5G	Green	Solid on	5 GHz WiFi network is enabled.
		Blinking	Data transmission is under way over 5 GHz WiFi network.
	/	Off	5 GHz WiFi network is disabled.
2.4G	Green	Solid on	2.4 GHz WiFi network is enabled.
		Blinking	Data transmission is under way over 2.4 GHz WiFi network.
	/	Off	2.4 GHz WiFi network is disabled.
WPS	Green	Solid on for 2 mins->Off	A WPS connection is established.
		Blinking	The modem router is performing WPS negotiation.
	/	Off	The WPS feature is disabled, or the WPS feature is enabled but the modem router does not perform WPS negotiation.
1-4	Green	Solid on	This port is connected properly.
		Blinking	Data transmission is under way over the port.

	/	Off	The port is disconnected or not connected properly.
USB	Green	Solid on	A USB device is properly connected to the modem router.
		Blinking	Data transmission is under way.
	/	Off	No USB device is connected or the USB device is ejected safely.
INET	Green	Solid on	The modem router has connected to the internet.
		Blinking	The modem router has connected to the internet and data transmission is under way.
	Red	Blinking	The modem router does not connect to the internet.
PWR	Red	Solid on	The system is starting up.
		Blinking	The system is upgrading.
	Green	Solid on	The system is working properly.

Ports and buttons



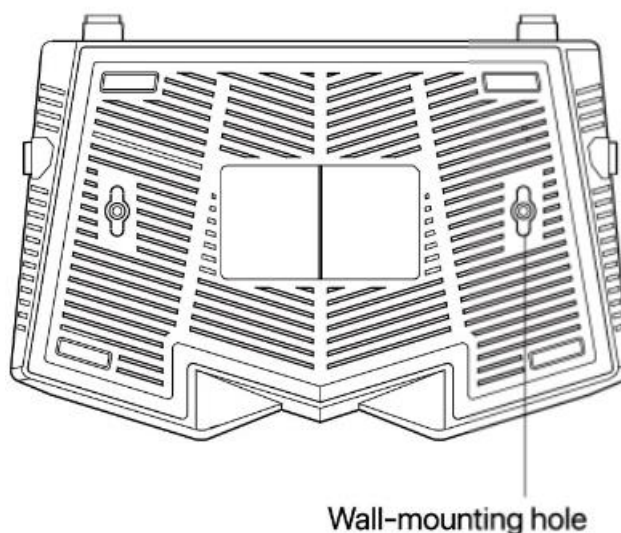
Button/Port	Description
ON/OFF	Power button. Used to turn on/off the modem router.
PWR	Power port. Use the included power adapter to connect this port to a power source for power supply.
USB	USBV2.0 port. Used to connect to a USB storage device for file sharing.
1/2/3	LAN ports. Used to connect to wired devices, such as computers and IPTV set top boxes.
4	WAN/LAN port. If you intend to set up the modem router for cable or fiber service or you use the modem router as a second router, port 4 can be used as a WAN port connected to the Ethernet jack. Otherwise, it serves as a LAN port.
WPS/Wi-Fi	It serves as both WPS and Wi-Fi button. <ul style="list-style-type: none"> • WPS: Enable the WPS function on the web UI, and then hold down this button for about 3 seconds. When the WPS LED indicator blinks, the modem router is performing WPS negotiation. • Wi-Fi: Press this button to enable or disable both 2.4 GHz and 5 GHz WiFi networks.
RST	When the PWR LED indicator lights solid green, hold down this button for about 6 seconds and release it when all LED indicators light off and blink once. When the PWR LED indicator lights solid green again, the modem router is reset successfully.
DSL	DSL port. If you intend to set up the modem router for DSL service, this port is used to connect to the phone jack for internet access.

Install the modem router

The modem router can be installed either on wall or desktop.

Recommended specifications of screws and plastic anchors you may use in the wall-mounting scenario are

- **Screws:** PA3*14mm
- **Plastic anchors:** 2.4mm in inner diameter and 26.4mm in length



If you don't need phone service, directly use a phone cable to connect the phone jack to the DSL port of the modem router, and then perform step 4 and 5. Otherwise, perform the following steps one by one.

-
- The diagram illustrates two ways to connect a computer to a wireless router. In the top section, a laptop, tablet, or smartphone is shown with wireless signals connecting to the router. In the bottom section, a desktop computer is connected to the router's LAN port 1 via an Ethernet cable. The router is also connected to a power outlet (4) and a phone jack (5). The phone jack is connected to a DSL splitter, which then connects to a phone and a DSL modem.

5. Connect user devices such as computers, smartphones or tablets to the modem router.

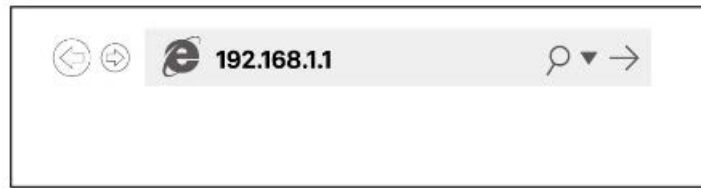
-
- Power outlet
- Ethernet Cable
- Phone Cable

-

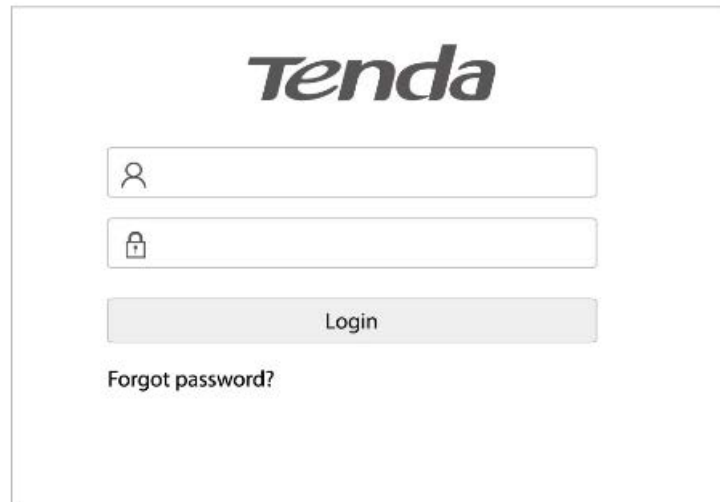


Configure the modem router

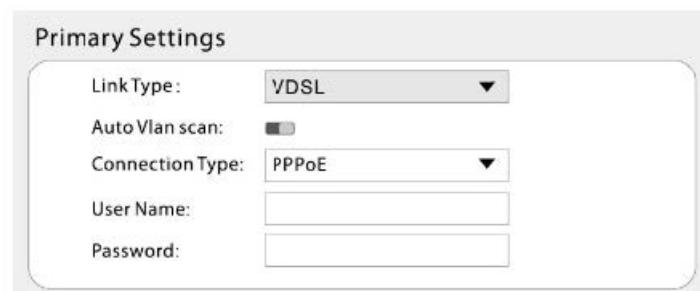
1. Start a web browser on a device connected to the modem router, enter 192.168.1.1 in the address bar, and visit it. (Computer is taken as an example here)



2. Enter the login user name and password, and click Login. (The default user name and password are both admin)

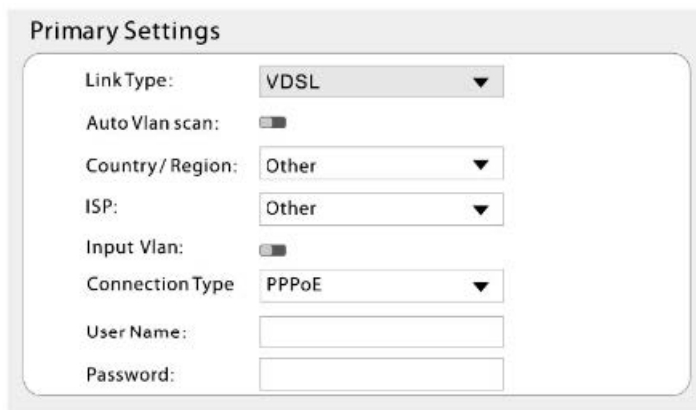


3. Wait for the modem router to detect your Link Type automatically. When the detection completes, the DSL port icon on the page will turn green.
4. Manually fill in other parameters as provided by your Internet service provider (ISP).



Tips

1. VDSL link type and PPPoE connection type are used here as an example.
2. If you switch to a different link type after finishing the configurations for the previous link type, a prompt message "Configuration conflict" may appear. In this case, perform all the steps again to reconfigure the modem router.
3. If you want to enter the VLAN parameters manually, deselect Auto Vlan scan and fill in the parameters.



Primary Settings

Link Type: VDSL

Auto Vlan scan: ☐

Country/ Region: Other

ISP: Other

Input Vlan: ☐

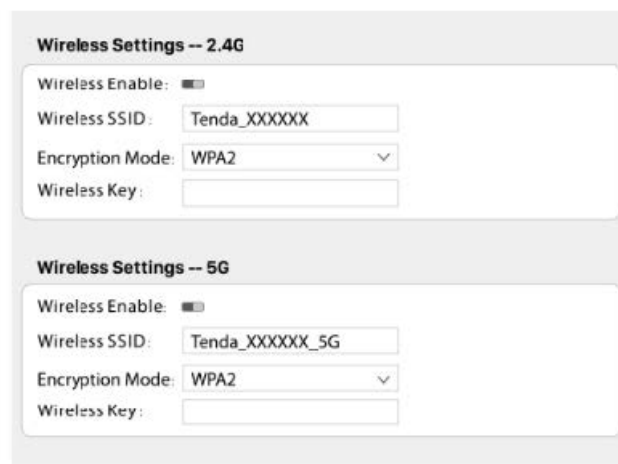
Connection Type: PPPoE

User Name:

Password:

5. Configure your wireless networks.

The modem router provides 2.4 GHz and 5 GHz WiFi networks. Customize Wireless SSID and Wireless Key as required.



Wireless Settings -- 2.4G

Wireless Enable: ☐

Wireless SSID: Tenda_XXXXXX

Encryption Mode: WPA2

Wireless Key:

Wireless Settings -- 5G

Wireless Enable: ☐

Wireless SSID: Tenda_XXXXXX_5G

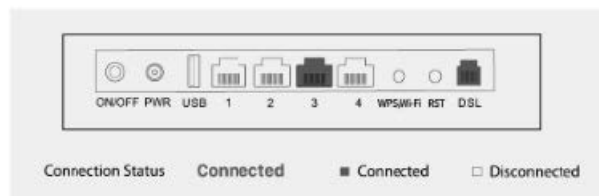
Encryption Mode: WPA2

Wireless Key:

6. Click OK to apply the settings.

1. Done.

When the Connection Status displays Connected, the modem router is connected to the internet successfully.



2. To access the internet with:

1. Wired devices: Connect to ports 1, 2, 3 or 4 of the modem router.
2. Wireless devices: Connect to the WiFi networks of the modem router using Wireless SSID and Wireless Key you set.

FAQ

Q1: I cannot log in to the web UI of the modem router. What should I do?

A1: Refer to the following solutions:

- **If you are using a wireless device, such as a smartphone:**
 - Verify that the device connects to the WiFi network of the modem router.

- Verify that the cellular network (mobile data) of the device is disabled.
- **If you are using a wired device, such as a computer:**
 - Verify that the Ethernet cable between your computer and the modem router is connected properly.
 - Verify that your computer is set to Obtain an IP address automatically and Obtain DNS server address automatically.
 - Verify that you entered 192.168.1.1 in the address bar rather than the search bar.
 - Clear cache of your browser, or change another browser.
 - Use another computer, smartphone or tablet to log in again.
- If the problem persists, try resetting the modem router.

Q2: How to reset the modem router?

A2: When the PWR LED indicator lights solid green, hold down the RST button for about 6 seconds and release it when all LED indicators light off and blink once. When the PWR LED indicator lights solid green again, the modem router is reset successfully.

Q3: I cannot access the internet after completing the configuration, what should I do?

A3: Refer to the following solutions:

- Observe the DSL LED indicator. If the indicator does not light up, reconnect the phone cable between the DSL port and Phone jack.
- If you access the internet via the WAN port (port 4) of the modem router, check whether the connection between port 4 and the upstream device or Ethernet jack is proper.
- Observe the INET LED indicator. If the indicator lights red, check whether the internet connection parameters (Primary Settings) you entered are correct and ensure that the connection status on the web UI is Connected.
- If you are using a computer, verify that your computer is set to Obtain an IP address automatically.
- If you are using wireless devices such as smartphones, verify that you connect to the WiFi network of the modem router.
- Contact your internet service provider for help.

Q4: I forget my WiFi password, what should I do?

A4: Refer to the following solutions:

- Use an Ethernet cable to connect your computer to the modem router, log in to the web UI and navigate to the Wireless Settings module to check the password.
- If you forget the login password of the web UI as well, reset the modem router and refer to the bottom label of the modem router for the default SSID and WLAN Key.

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 device and 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.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the radio equipment type V12 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/download-cata-101.html>

Operating Frequency:

- **2.4 GHz:** EU/2400-2483.5MHz (CH1-CH13)
- **5 GHz:** EU/5150-5250MHz (CH36-CH48)
- **EIRP Power (Max.):**
 - **2.4 GHz:** < 20dBm
 - **5 GHz:** < 23dBm
- **Software Version:** V56.1.1.X

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

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR
	HR	IT	CY	LV	LT	LU	HU	MT	NL	AT
	PL	PT	RO	SI	SK	FI	SE	UK		



Caution:

- **Adapter Model:** BN074-A18012E, BN074-A18012B
- **Manufacture:** SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD. Input: 100-240V AC, 50/60Hz 0.6A
- **Output:** 12V DC, 1.5A

== : 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 a new electrical or electronic equipment.
- **Operating Temperature:** 0°C – 40°C
- **Operating Humidity:** (10% – 90%) RH, non-condensing


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
- **E-mail:** support@tenda.com.cn

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Documents / Resources

	<p>Tenda AC1200 Wi-Fi Modem Router [pdf] Instruction Manual AC1200 Wi-Fi Modem Router, AC1200, Wi-Fi Modem Router, Modem Router, Router</p>
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References

-  [Tenda US](#)
-  [CE Center-Tenda-All For Better NetWorking](#)
- [User Manual](#)

