Quick Installation Guide

N300 Wi-Fi ADSL2+ Modem Router
D301V4

Package contents

Modem router

Power adapter

Ethernet cable (RJ45)

Phone cable (RJ11)

ADSL splitter

Quick installation guide

If any item is missing or damaged, please keep the original package and contact the local reseller or distributor immediately.

For product or function details, please go to http://www.tendacn.com

Getting to know your modem router

LED indicators

LED indicator	Status	Description
⏻ Power LED indicator	Solid on	The modem router is connected to a power source properly.
	Off	The modem router is not powered on.
🪐 Internet LED indicator	Solid on	The modem router is connected to the internet successfully.
	Off	The modem router fails to connect to the internet.
↰ WPS LED indicator	Solid on for 5 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.
📶 WiFi LED indicator	Solid on	The WiFi network is enabled.
	Off	The WiFi network is disabled.
⊞⊞⊞⊞ LAN 1/2/3/4 LED indicator	Solid on	The corresponding LAN port is connected properly.
	Off	The corresponding LAN port is disconnected, or not connected properly.
↵ DSL LED indicator	Solid on	The DSL negotiation succeeds.
	Blinking	The modem router is performing DSL negotiation.
	Off	The port is disconnected, or not connected properly.

Buttons & ports
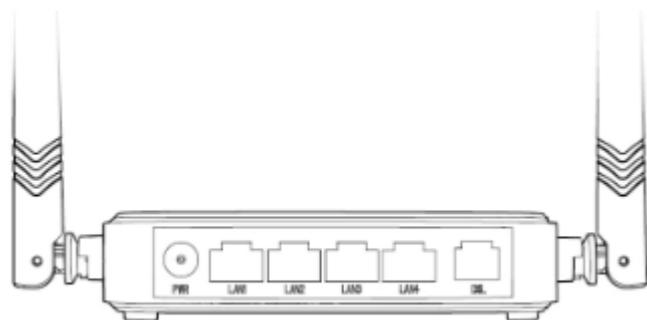
Port/jack	Description
PWR	Power jack. Use the included power adapter to connect this jack to a power source for power supply.
LAN1/2/3/4	LAN ports. Used to connect to wired devices, such as computers.
DSL	DSL port. Used to connect to a phone jack for internet access.
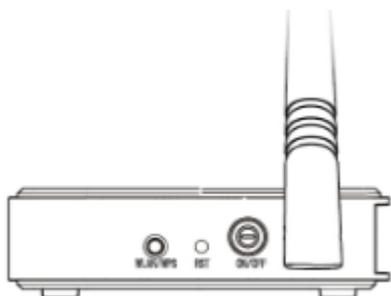
Button	Description
WLAN/WPS	• Press and hold this button for less than 1 second to enable the WiFi network. • Press and hold this button for 1 to 3 seconds to enable the WPS feature. • Press and hold this button for about 6 seconds to disable the WiFi network.
RST	Reset button. Hold down this button for about 6 seconds to restore factory settings. When all LED indicators turn off then light up, the modem router is reset successfully.
ON/OFF	Power on/off button. Press this button to turn on/off the modem router.

I Connecting the modem router
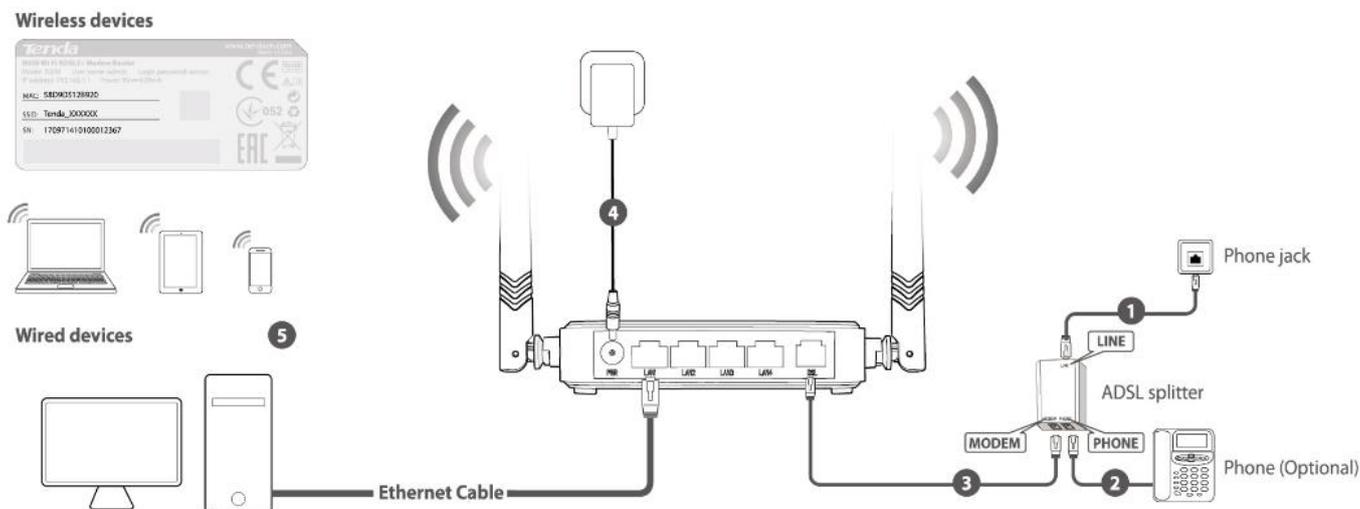
1. Use a phone cable to connect the phone jack to the **LINE** port of the included ADSL splitter.
2. (**Optional**) If you do not use the phone service, skip this step. Use a phone cable to connect your phone to the **PHONE** port of the ADSL splitter.
3. Use a phone cable to connect the **MODEM** port of the ADSL splitter to the **DSL** port of the modem router.
4. Use the included power adapter to connect the modem router to a power source, and turn it on. The LED indicator blinks red slowly.
5. If you use a wireless device, such as a smart phone for setup, connect it to the WiFi network of the modem router using the default SSID labeled on the bottom of the modem router. By default, the WiFi password is not required.
   If you use a wired device, such as a computer for setup, connect it to port LAN1, LAN2, LAN3 or LAN4 of the modem router.

II Configuring the modem router

1 Configuring your ADSL connection

Prerequisites

Before configuration, you need to get the following parameters from your internet service provider (ISP):

- **VPI** and **VCI** values

- **Channel Mode** (internet connection type)

- PPPoE **User Name** and **Password** OR IPoE **Local IP Address** and related parameters (if any)

- Your IP protocol type: **IPv4**, **IPv6** or **IPv4/IPv6**

Configuration procedure

1. Start a web browser on the device connected to the modem router, and visit **192.168.1.1**.
2. Enter the default **User Name** and **Password**, both are **admin**, and click **Login**.

*PPPoE is used to illustrate.

3. Choose **Setup > WAN**, and enter the **VPI** and **VCI** values provided by your ISP.

4. Select a **Channel Mode** (internet connection type), which is **PPPoE** in this example.

5. Select your **IP Protocol** type, which is **IPv4** in this example.

6. Enter the PPPoE **User Name** and **Password** provided by your ISP.

7. Click **Add** to apply the settings.

2 Configuring your WiFi network

1. Choose **Setup > WLAN > Basic**, and customize your SSID (WiFi name).

2. Click **Apply Changes**.

3. Choose **Setup > WLAN > Security**, select an **Encryption** type, which is **WPA2(AES)** in this example, and specify a **Pre-Shared Key** (WiFi password).

4. Click **Apply Changes**.

3 Accessing the internet

To access the internet with:

Wireless devices: Connect your wireless devices to the WiFi network of the modem router using the **SSID** and **Pre-Shared Key** you set.

Wired devices: Connect your wired devices to the port LAN1, LAN2, LAN3, or LAN4 of the modem router.

FAQ

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

A1: Try the following solutions:

If a wired device is used for setup:

- Ensure that the Ethernet cable between the device and the modem router is connected properly.
- Ensure that the device is set to **Obtain an IP address automatically**.
- Clear cache of your browser, or replace one.

If a wireless device is used for setup:

- Ensure that the device is connected to the WiFi network of the modem router.
- Ensure that the mobile data (if any) of the device is disabled.
- Ensure that the login IP address (192.168.1.1) you entered is correct.

If the problem persists:

- Hold down the **RST** button for about 6 seconds to restore to factory settings, and configure it again.

Q2: I cannot access the internet after completing the configuration, what should I do?

A2: Try the following solutions:

- Check if the LED indicator blinks green slowly. If so, check if the **DSL** port is properly connected to the phone jack.
- Check if the LED indicator lights solid green. If not, check if the parameters you entered for internet access are correct.
- Check if your computers are set to **Obtain an IP address automatically**.
- If the problem persists, contact your ISP for help.

Q3: I forget my WiFi password, what should I do?

A3: Try the following solutions:

- Log in to the web UI of the modem router, and change it on the **Setup** > **WLAN** > **Security** part.
- If you forget the login password of the web UI as well, reset the modem router. The default login user name and password are both **admin**.

Q4: How to reset the modem router?

A4: When the LED indicator lights up and does not blink red slowly, hold down the **RST** button for about 6 seconds. When all LED indicators turn off then light up, the modem router is reset successfully.

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.

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 D301V4 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: 2412 - 2472 MHz

EIRP Power (Max.): 19.5dBm

Software Version:

Caution:

Adapter Model: BN049-A05009E, BN049-A05009B

Manufacture: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.

Input: 100 - 240V AC 50/60Hz 0.3A

Output: 9V 600mA

 : 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: Daily-9am to 6pm EST
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: http://www.tendacn.com
E-mail: support@tenda.com.cn