tp-link

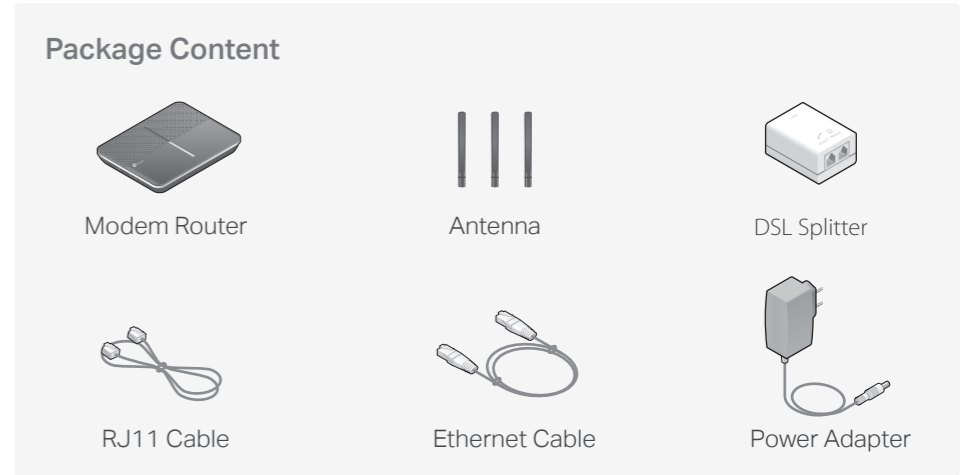# Quick Installation Guide

AC1600 Wireless Gigabit VoIP VDSL/ADSL Modem Router

Archer VR600v

Package Content

Modem Router	Antenna	DSL Splitter
RJ11 Cable	Ethernet Cable	Power Adapter

1. Set up the Modem Router

Power Adapter

1 Attach the antennas.

3 Push in to turn on the modem router.

Power On/Off

Modem Router

Phone Jack

1 Connect the DSL splitter to the phone jack.

DSL

2 Connect the modem router to the DSL splitter.

DSL Splitter

For traditional landline phone service
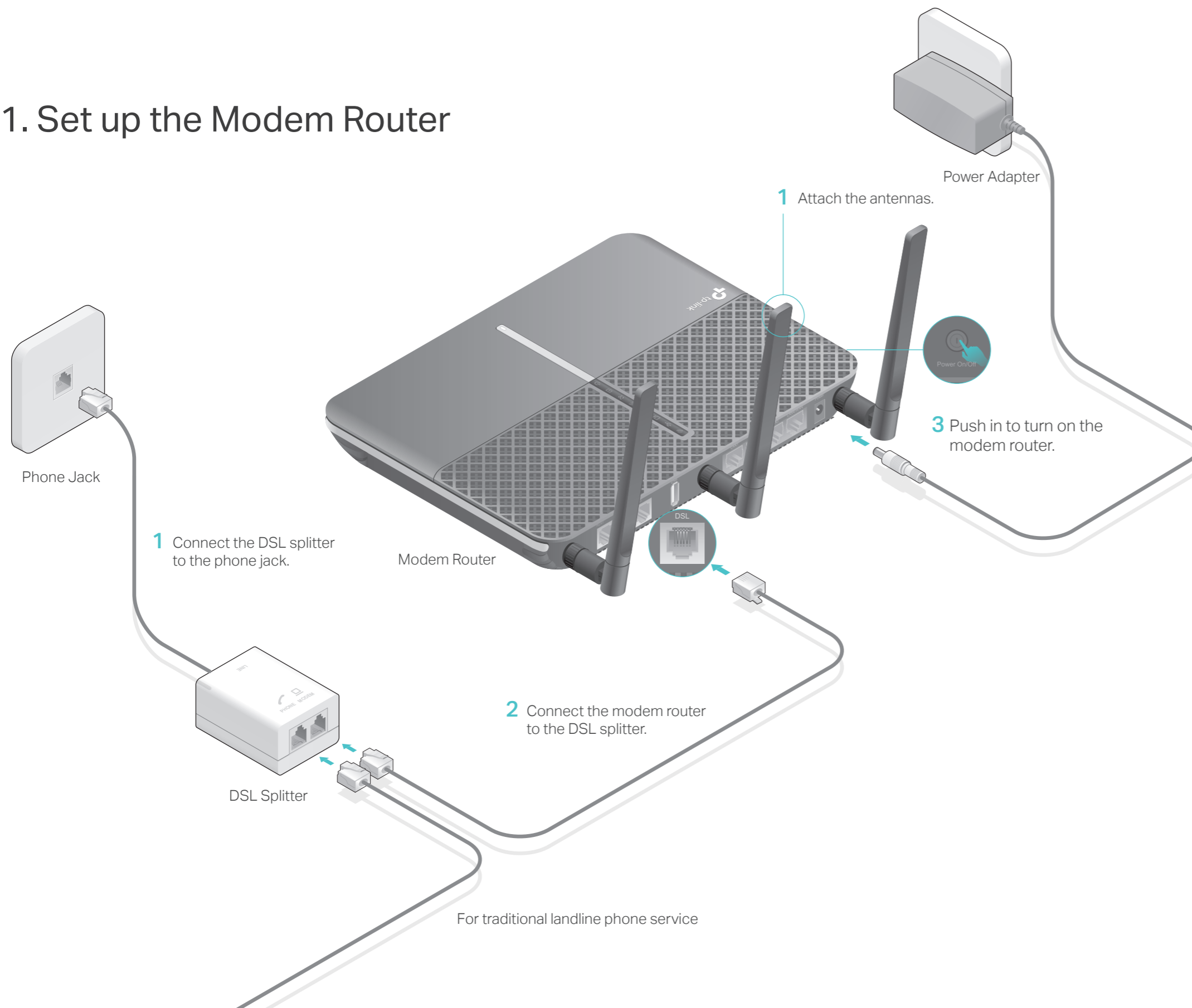
## 2. Connect the Phone

Analog Phone

Connect your analog phones to RJ11 ports on the modem router's back panel. You may connect up to two.

RJ-11
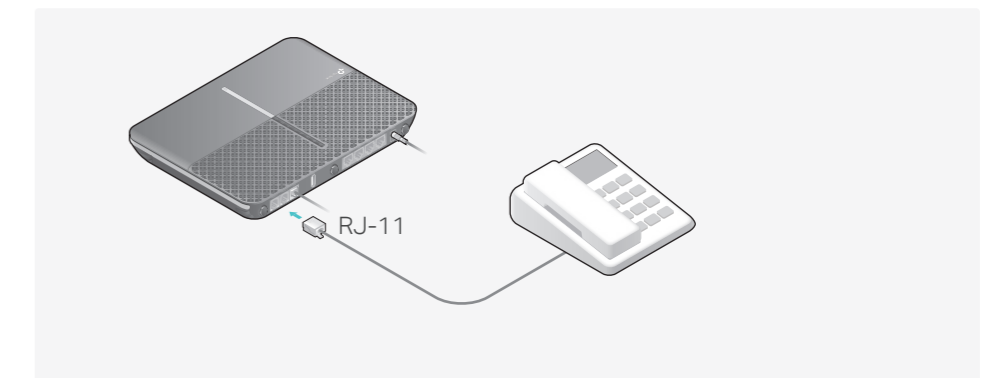
DECT Cordless Phone

A Open the registration page on your cordless phone. Press and hold the DECT button on the modem router for about 3 seconds until the Phone LED ☏ flashes.

DECT

Within 1 minute → DECT → Press for about 3 seconds → Flashing
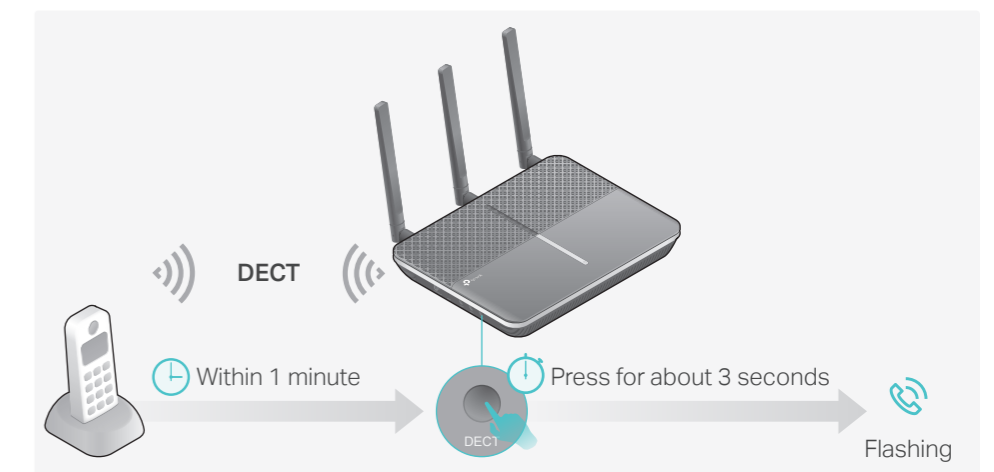
B Enter the PIN (Default: 0000) on the cordless phone if required.

3. Configure the Modem Router

Before You Start

- Most internet service providers (ISPs) will provide a username and password for their service when you first sign up with them. If you are unsure, please check with your ISP.
- If you are using telephony function, you'll need to register your phone number on the modem router. Please find your phone information before continuing.

1 Connect your network device to the modem router via a wired or wireless connection.

LAN

- **Wired**

  Connect the computer to the LAN port of your modem router via an Ethernet cable.

- **Wireless**

  a Find the SSID (network name) and Wireless Password printed on the Information Card included in the package.
  b Click the network icon on your computer or go to the Wi-Fi settings of your smart device, then select the modem router's SSID to join the network.

  tp-link | Wi-Fi Info Card
  Default SSIDs and Password   Your Wi-Fi Names (SSIDs)
  SSID: TP-Link_XXXX
  SSID: TP-Link_XXXX_5G
  Password: XXXXXXXX   Your Wi-Fi Password:
  To manage the router, go   Your Login Account:
  to http://tplinkmodem.net
  or use the Tether app.

2 Launch a web browser and type in http://tplinkmodem.net or 192.168.1.1. Create a login password and get started.

Note: If the login window does not appear, please refer to **Q1** of **FAQ** in this guide.

http://tplinkmodem.net

🔑 New Password
Low   Middle   High
🔑 Confirm Password
Let's Get Started
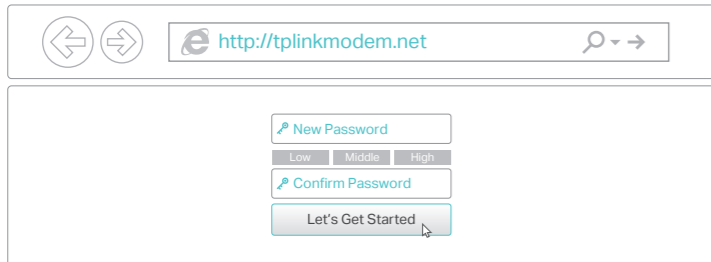
3 Follow the step-by-step instructions to set up an internet connection, register the telephone number, and register the TP-Link Cloud service.

☺ **Enjoy the internet and your telephone service.**

tpPhone App

The tpPhone app allows you to make VoIP calls via your smartphone or your tablet. Download and install the tpPhone app. Search for tpPhone on the Apple App Store or Google Play, or simply scan the QR code.

App Store
Google Play   or

Tether App

You can easily manage your network through the TP-Link Tether app. Download and install the Tether app. Search for Tether on the Apple App Store or Google Play, or simply scan the QR code..

App Store
Google Play   or

Already have a modem?

If you already have a modem or your internet comes directly from an Ethernet wall outlet, you can switch to Wireless Router mode. Follow the steps below to set up.

1 Connect the hardware and wait until the Power LED ⏻ becomes stable.

Modem Router
Modem
Power Adapter
Ethernet Cable
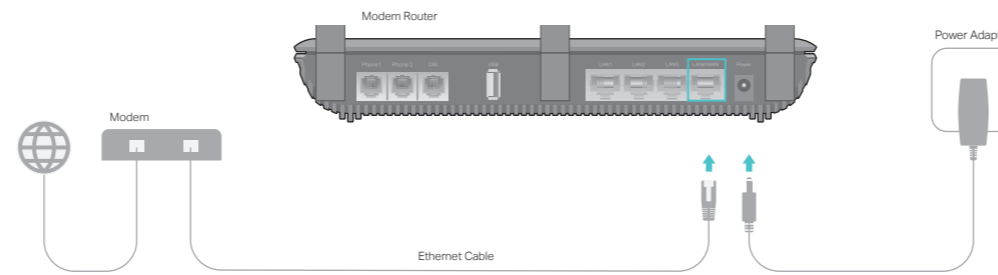
2 Connect your device to the router via an Ethernet cable or wirelessly.

SSIDs (network names) and Wireless Password are printed on the Wi-Fi Info Card included in the package.

3 Connect your router to the internet.

A. Launch a web browser and type in http://tplinkmodem.net or 192.168.1.1. Create a password for router management and get started.

Note: If the login page does not appear, please refer to FAQ > Q1.

http://tplinkmodem.net

B. Follow the Quick Setup and select **Wireless Router Mode** complete the configuration.

If there is no **Operation Mode** selection page in the Quick Setup, go to the **Advanced** > **Operation Mode** page and switch to **Wireless Router Mode**, then go to **Basic** > **Internet** to finish the set up.

☺ **Enjoy!**

USB Application

The USB port can be used for printer, file and media sharing, both locally over your home network and remotely over the internet using the modem router's built-in FTP server capability.

Phone1 Phone2 DSL   USB   LAN1 LAN2 LAN3 LAN4/WAN Power
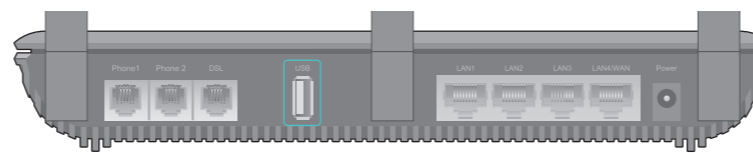
🌐 Remote Access   ▶ Media Sharing   Local Storage Sharing   Printer Sharing

To learn more about the USB features, visit http://tp-link.com/app/usb or scan the QR code.

Support

📖 For detailed configuration instructions and more supported features (including TP-Link Cloud service, Guest Network, Parental Controls and QoS) please refer to the User Guide available from this product's support page at

📞 For technical support and other information, please visit http://www.tp-link.com/support.

LEDs

Name	Status	Indication
⏻ Power	On	System initialization is complete.
	Flashing	The system is initializing or the firmware is being upgraded. Do not disconnect or power off the modem router.
	Off	Power is off
⊟ DSL	On	DSL synchronization is complete.
	Flashing	DSL synchronization is in progress.
	Off	DSL synchronization failed.
⟲ Internet	On	Internet service is available.
	Off	Internet connection is incorrect, DSL synchronization failed, or the modem router is operating in Bridge mode.
ⓢ Wireless 2.4GHz	On	The 2.4GHz/5GHz wireless radio band is enabled.
	Flashing	WPS connection is in progress (about 2 minutes).
ⓢ Wireless 5GHz	Off	The 2.4GHz/5GHz wireless radio band is disabled.
🖵 LAN	On	At least one LAN port is connected.
	Off	No LAN port is connected.
ⓤ USB	On	The USB device is ready to use.
	Flashing	The USB device is being identified.
	Off	No USB device is plugged into the USB port.
☏ Phone	On	The phone is off-hook or DECT cordless phone is busy.
	Flashing	The phone is ringing or DECT cordless phone is registering.
	Off	The phone is on-hook.

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot access the web management page?
A1. If the computer is set to a static IP address, change its settings to obtain an IP address automatically.
A2. Make sure http://tplinkmodem.net or http://192.168.1.1 is correctly entered in the web browser.
A3. Use another web browser and try again.
A4. Reboot your modem router and try again.
A5. Disable then enable the network adapter in use.

Q2. What should I do if I cannot access the internet?
A1. Make sure all telephone and Ethernet cables are correctly and securely connected to the modem router.
A2. Try to log in to the web management page of the modem router using the default address at http://tplinkmodem.net or http://192.168.1.1. If you cannot, change your computer settings to obtain an IP address automatically from the modem router. If you can, try the steps below.
A3. Ask your internet service provider for the VPI/VCI (or VLAN ID), Connection Type, internet service username and password, and make sure all are correctly entered into your router's management page.
A4. Restore the modem router to its factory default settings and reconfigure it by following the instructions in this guide.
A5. Please contact our Technical Support if the problem persists

Q3. What should I do if the DSL LED ⊟ does not turn solid on?
A1. Check your cables and make sure they are all plugged in correctly, including the telephone lines and power adapter.
A2. Restore your modem router to its factory default settings.
A3. Remove the DSL splitter, directly connect the modem router to the phone jack and follow this guide to reconfigure the modem router.
A4. Contact your ISP (internet service provider) to check the status of your DSL line.
A5. If the problem persists, contact our Technical Support.

Q4. What should I do if I forget my password?
- For the web management page:
A1. If you are using a TP-Link ID to log in, click Forgot password on the login page and then follow the instructions to reset it.
A2. Alternatively, restore the modem router to its factory default settings and then set a new password.
- For the Wi-Fi network:
A1. The default Wi-Fi Password/PIN can be found on the Information Card included in the package or on the product label at the bottom of the modem router.
A2. If the default wireless password has been changed, log in to the web management page and go to Basic > Wireless to retrieve or reset your password.

Q5. How do I restore the modem router to its factory default settings?
A1. With the modem router powered on, press and hold the Reset button on the side panel of the modem router for about 10 seconds until all LEDs turn on momentarily, then release the button.
A2. Log in to the web management page of the modem router. Go to Advanced > System Tools > Backup & Restore and click Factory Restore. The modem router will restore and reboot automatically.