

DrayTek

Vigor2927 Series



Serie Vigor2927

Dual WAN Security Router

Quick Start Guide

(for RF model)

Version: 1.4

Firmware version: V4.2.2.1

(For future updates, please visit the DrayTek website)

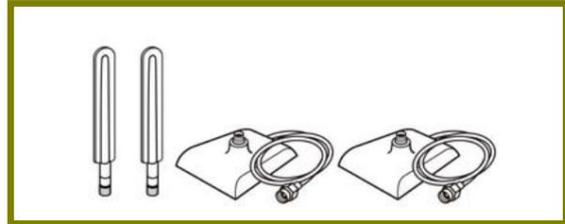
Date: September 8, 2021

1. Package content

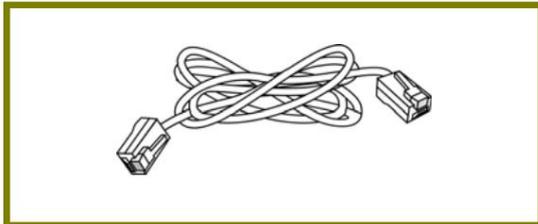
Take a look at the package contents. If anything is missing or damaged, please contact DrayTek or your dealer immediately. Also, the content is subject to the actual package.



vigor router



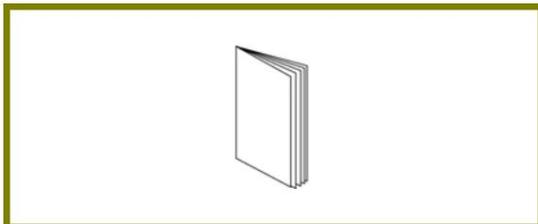
Antenna + Socket (for L models)



Cable RJ-45 (Ethernet)



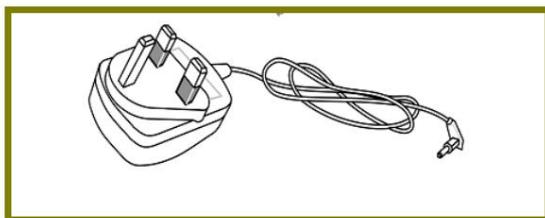
Antenna (for ac/ax models)



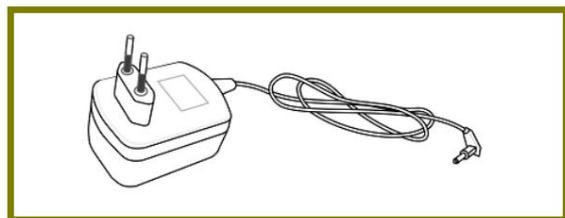
Quick Start Guide

The type of power adapter depends on the country in which the router will be installed. *Maximum power consumption is

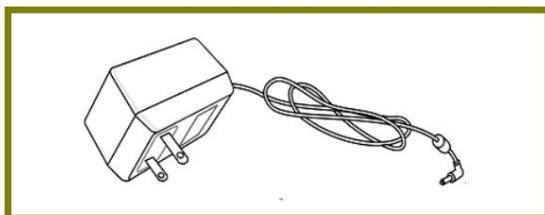
28 whatts



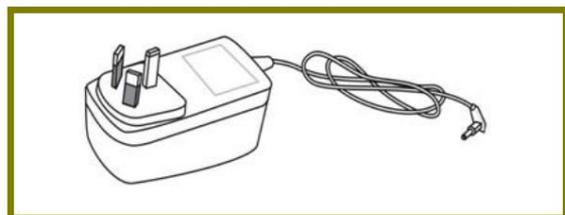
UK power adapter



EU Type Power Adapter



US/Taiwan Type Power Adapter



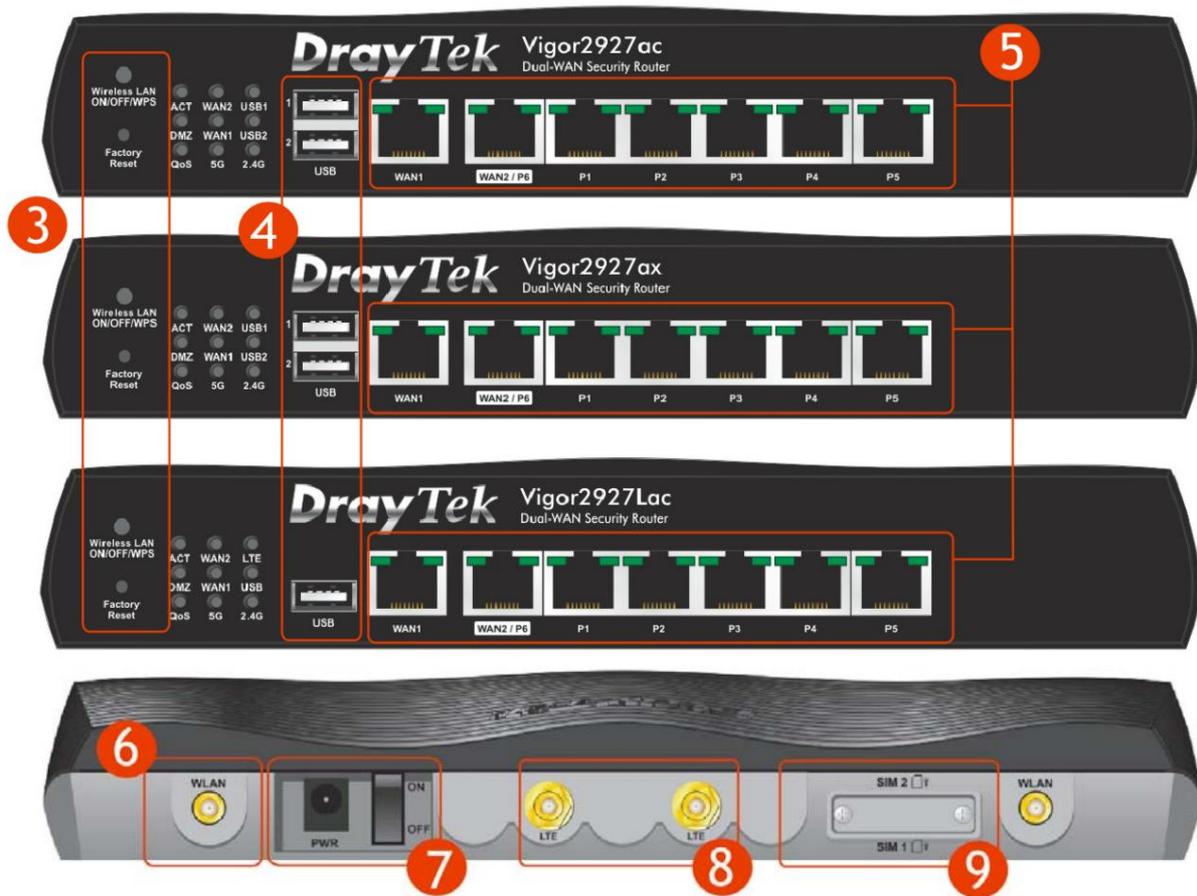
AU/NZ Type Power Adapter

2.2 Vigor2927ac / Vigor2927ax / Vigor2927Lac



No.	LED	state	Explanation
(1)	ACT	Off	The router is turned off.
		Flicker	The router is on and working normally.
	WAN2 / WAN1	Switched on	The Internet connection is ready.
		Off	The Internet connection is not ready.
		Flicker	The data is being transmitted.
	USB1 / USB2	Switched on	The USB device is connected and ready to use.
		Off	There is no USB device connected.
		Flicker	The data is being transmitted.
	LTE	Switched on	The LTE device is connected and ready to use.
		Off	The LTE device is not detected or has a serious problem (for example, no SIM card, SIM pin error, SIM disabled, etc.).
		Flicker	Slowly: LTE device is dialing. Fast: Data is being transmitted.
	DMZ	Switched on	DMZ function is enabled.
		Off	The DMZ function is disabled.
		Flicker	The data is being transmitted.

(1)	QoS	Switched on	The QoS function is active.
		Off	The QoS function is inactive.
	5G / 2,4G	Switched on	5G/2.4G: Wireless hotspot with 5GHz/2.4GHz bandwidth is ready. WLAN: The wireless access point is ready.
		Off	The wireless function is disabled.
	Flicker	Will flash slowly as traffic passes wireless. The ACT and WLAN LEDs flash quickly and simultaneously when WPS is working and will return to normal after two minutes. (You need to set WPS within 2 minutes.)	
(2)	WAN1, WAN2 / P6		
	left LED	Switched on	The port is connected.
		Off	The port is disconnected.
		Flicker	The data is being transmitted.
	right LED	Switched on	The port is connected at 1000 Mbps.
		Off	The port is connected with 10/100Mbps.
	AND P1-P5		
	left LED	Switched on	The port is connected.
		Off	The port is disconnected.
		Flicker	The data is being transmitted.
right LED	Switched on	The port is connected at 1000 Mbps.	
	Off	The port is connected with 10/100Mbps	



No.	Interface	Description
(3)	wireless LAN ON / OFF / WPS	<p>The wireless band will be switched/changed according to the button pressed and released. For example,</p> <ul style="list-style-type: none"> - 2.4G (On) and 5G (On): By default. - 2.4G (off) and 5G (on): Press and release the button once. - 2.4G (On) and 5G (Off): Pressed and released the button twice. - 2.4G (Off) and 5G (Off) - pressed and released the button three times. <p>When the WPS function is enabled by the web UI, please press this button for more than 2 seconds to wait for the client device to connect to the network via WPS.</p>
	Factory reset	<p>Restore default settings. Usage: Power on the router (ACT LED blinks). Press the hole and hold for more than 5 seconds. When you see the ACT LED start blinking faster than usual, release the button. Then the router will reboot to the factory default settings.</p>
(4)	USB1 ~ 2 / USB	<p>Conector para dispositivo USB (for modem USB 3G / 4G or printer or thermometer).</p>
(5)	WAN1	<p>Connector for local network devices or modem to access the Internet.</p>

	WAN2/P6	Connector for local network devices or modem for Internet access. It is a switchable port. It can be used for LAN connection or WAN connection according to the settings configured in WUI.
	AND P1-P5	Connectors for local network devices.
(6)		Connector for installation of WLAN antennas. (For WiFi model)
(7)	PWR	Connector for power adapter.
	ON OFF	Power switch.
(8)		Connector for installation of LTE antennas. (For L model).
(9)	SIM 2 / SIM 1	Slots to install SIM card. (For L model).

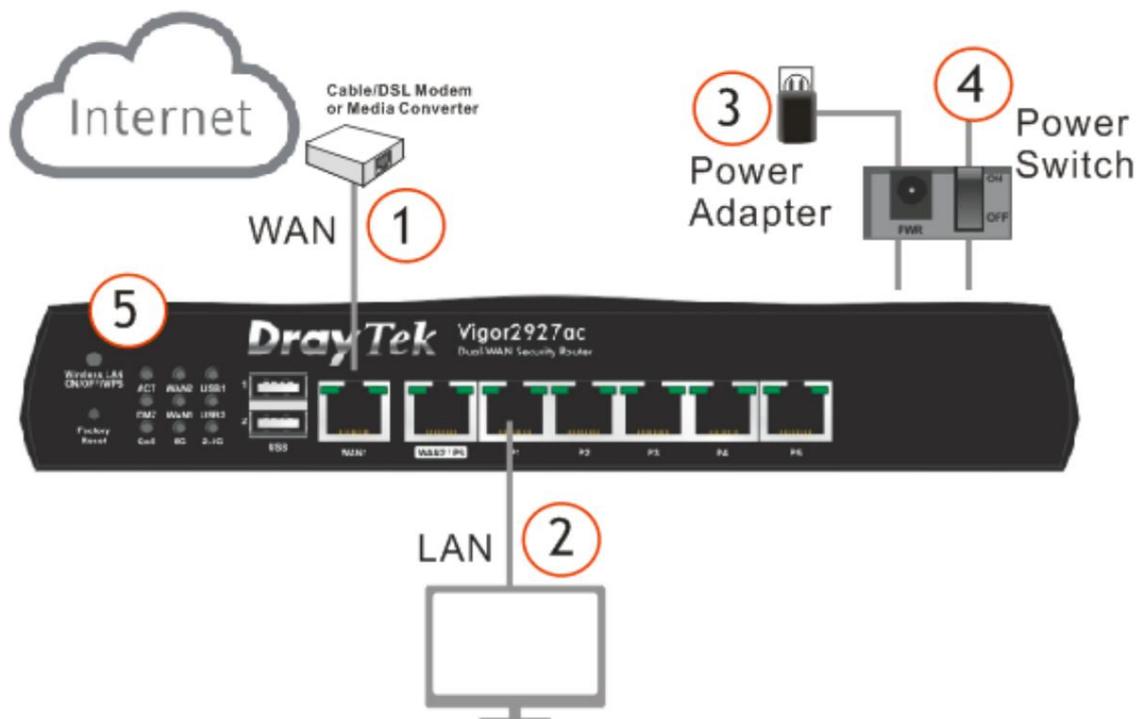
3. Hardware installation

This section will guide you to install the router through the hardware connection and configure the settings of the router through the web browser.

Before you start configuring the router, you need to connect your devices correctly. (For hardware connection, we take the "ac" model as an example.)

3.1 Network connection

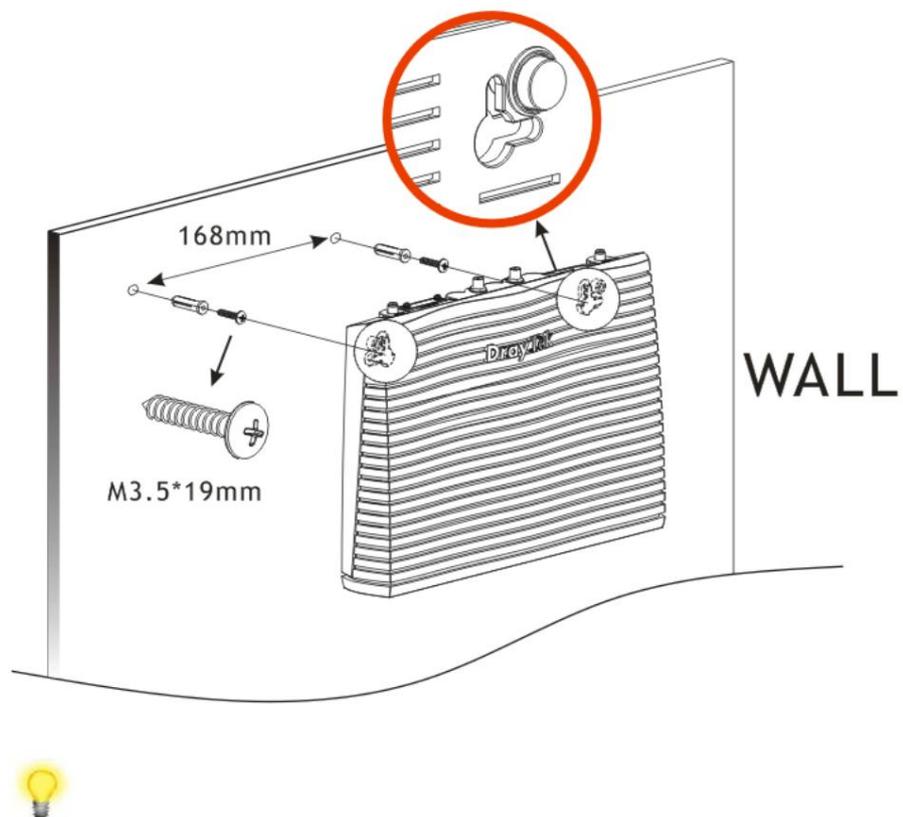
1. Connect the Cable Modem / DSL Modem / Media Converter to any WAN port of the router with Ethernet cable (RJ-45).
2. Plug one end of an Ethernet cable (RJ-45) into one of the **LAN** ports on the router and the other end of the cable (RJ-45) into the Ethernet port on your computer.
3. **Connect one end of the power adapter to the router's power port on the rear panel and the other end to a wall outlet.**
4. Turn on the device by pressing the power switch on the rear panel.
5. The system begins to boot. After completing the system test, the **ACT** LED will turn on, will light up and start blinking. (For detailed information on the status of the LEDs, see section 3. Explanation of the panel)



3.2 Wall installation

Vigor router has keyhole mounting slots at the bottom.

1. Drill two holes in the wall. The distance between the holes will be 168 mm.
2. Drive the screws into the wall using the appropriate type of wall plug.



Use

The recommended drill diameter should be 6.5mm (1/4").

3. When you are done with the procedure, the router is securely mounted to the wall.

4. Software configuration

To access the Internet, finish the basic setup after completing the hardware installation.

The quick start guide is designed to make it easy for you to set up your router to access the Internet. You can directly access the **Quick Start Wizard** through the web user interface. Make sure your PC connects to the router successfully.



Use

You can simply set your computer to obtain IP dynamically from the router or set the computer's IP address to be the same subnet as Vigor router's default IP address 192.168.1.1. For detailed information, please refer to - User Guide Troubleshooting.

Open a web browser on your PC and type <http://192.168.1.1>. A pop-up window will open to request the username and password. Enter "admin / admin" as the username / password and click Access.

DrayTek Vigor2927 Series

Login

Username

Password

Security Warning: You are logging in without encryption which is not recommended. To login securely [click here](#).

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Use

If you cannot access web settings, please go to "Troubleshooting" in the User Guide to troubleshoot and resolve your issue.

Now the main screen will appear. Click **Wizards >> Quick Start Wizard**.

DrayTek Vigor2927 Series

Dashboard

System Information

Model Name	Vigor2927Lac	System Up Time	
Router Name	DrayTek	Current Time	
Firmware Version	4.2.2.1	Build Date/Time	Aug 12 2021 15:28:36
LAN MAC Address	14-45-BC-02-37-E8		

IPv4 LAN information

Line / Mode	IP Address	DHCP	IP Address	DHCP
LAN1	192.168.27.1/24	v	LAN2	192.168.20.1/24
LAN2	192.168.2.1/24	v	LAN4	192.168.4.1/24
LAN3	192.168.5.1/24	v	LAN5	192.168.6.1/24
LAN7	192.168.7.1/24	v	LAN8	192.168.8.1/24
DMZ PORT	192.168.254.1/24	v	IP Routed Subnet	192.168.0.1/24

IPv4 Internet Access

Line / Mode	IP Address	MAC Address	Up Time
WAN1	Ethernet / DHCP Client	Disconnected	14-45-BC-02-37-E8
WAN2	Ethernet / Static IP	172.16.3.1/24	14-45-BC-02-37-E8
WAN3	Wireless 2.4G / ---	Disconnected	12-55-BC-02-37-E8
WAN4	Wireless 5G / ---	Disconnected	12-46-BC-02-37-E8
LTE	USB7 / ---	Disconnected	00-A0-C8-00-00-35
WAN5	USB7 / ---	Disconnected	14-45-BC-02-37-E8

Interface

WAN	Connected	1	WAN1	WAN2	WAN3	WAN4	LTE	WAN5
LAN	Connected	0	Port1	Port2	Port3	Port4	Port5	
WLAN	Connected	0						
WLAN5G	Connected	0						
USB	Connected	1	USB					

Security

VPN	Connected	0	Remote Dial In User / LAN to LAN
MyVigor	Activate	0	
DoS	Attack Detected		
RootCA			

Status

Status: LTE access mode/None!

Bridge mode: Disabled

Access Tech: ---

Band: ---

Operator: ---

Signal: ---

RSSI: ---

New SMS: ---

Quick Access

System Status

Dynamic DNS

TR-069

User Management

IMPP Block

Schedule

SysLog / Mail Alert

LDAP

Radius

Firewall Object Setting

Data Flow Monitor

Certificate Status

- Expired (1)
- Expires within 30 days (0)
- Unissued (0)

Use

The home page will change slightly according to the router you have. Here we take Vigor2927 Lac as an example.

If your router can be in a high-speed NAT environment, the settings provided here can help you quickly deploy and use the router. The first screen of the Quick Start Wizard is entering the login password. After typing the password, click Next.

Quick Start Wizard

Enter login password

Please enter an alpha-numeric string as your Password (Max 23 characters).

Old Password

New Password

Confirm Password

Hint: If you want to keep the password unchanged, leave the password blank and press "Next" button to skip this process.

< Back Next > Finish Cancel

On the next page, as shown below, select the WAN interface you use. If an Ethernet interface is used, choose WAN1 or WAN2; whether it is 2.4G/5G wireless

connection is used, choose WAN3 or WAN4; If a 3G USB modem / LTE module is used, please choose WAN5 / LTE or WAN6. Then click **next** for the next step. Each WAN interface will display a specific configuration page.

Quick Start Wizard

WAN Interface

WAN Interface:	WAN1 ▾
Display Name:	<input type="text"/>
Physical Mode:	Ethernet
Physical Type:	Auto negotiation ▾
VLAN Tag insertion	Disable ▾

Click **next**. You must select the appropriate Internet access type (PPPoE, PPTP, L2TP, Static IP, or DHCP) according to the information from your ISP.

Here we take PPPoE and DHCP modes for WAN connection as examples.

For PPPoE connection

1. Choose **WAN1** as WAN interface and click the **next** button; you will get the page. following

Quick Start Wizard

Connect to Internet

WAN 1
Select one of the following Internet Access types provided by your ISP.

- PPPoE
- PPTP
- L2TP
- Static IP
- DHCP

2. Select **PPPoE** and click **next** to get the following page.

Quick Start Wizard

PPPoE Client Mode

WAN 1
Enter the user name and password provided by your ISP.

Service Name (Optional)	<input type="text" value="CHTI"/>
Username	<input type="text" value="77554248@hinet.net"/>
Password	<input type="password" value="*****"/>
Confirm Password	<input type="password" value="*****"/>

3. Enter the username/password provided by your ISP. Then click **next** to see the summary of that connection.

Quick Start Wizard

Please confirm your settings:

WAN Interface:	WAN1
Physical Mode:	Ethernet
Internet Access:	PPPoE

Click **Back** to modify changes if necessary. Otherwise, click **Finish** to save the current settings and restart the Vigor router.

4. Click **Finish**. A page of **Quick Start Wizard Setup OK!!!** will appear.
Then, the system status of this protocol will be displayed.
5. Now you can enjoy browsing the Internet.

For DHCP connection

1. Choose **WAN1** as WAN interface and click the **next** button; you will get the page following

Quick Start Wizard

Connect to Internet

WAN 1
Select one of the following Internet Access types provided by your ISP.

- PPPoE
- PPTP
- L2TP
- Static IP
- DHCP

2. Select **DHCP** and click **next** to get the next page.

Quick Start Wizard

DHCP Client Mode

WAN 1
If your ISP requires you to enter a specific host name or specific MAC address, please enter it in.

Host Name (optional)

MAC (optional)

3. Enter the hostname and/or MAC address provided by your ISP. then click **Next** to see the summary of that connection.

Quick Start Wizard

Please confirm your settings:

WAN Interface:	WAN1
Physical Mode:	Ethernet
Internet Access:	DHCP

Click **Back** to modify changes if necessary. Otherwise, click **Finish** to save the current settings and restart the Vigor router.

4. Click **Finish**. A page of **Quick Start Wizard Setup OK!!!** will appear.
Then, the system status of this protocol will be displayed.

Quick Start Wizard Setup OK!

5. Now you can enjoy browsing the Internet.

5. Customer service

If the router cannot work properly after many attempts, please contact your dealer for further assistance immediately. If you have any questions, please feel free to email support@draytek.com.

Be a registered owner

Web registration is preferred. You can register your Vigor router through <https://myvigor.draytek.com>.

Firmware and tool updates

Due to the continuous evolution of DrayTek technology, all routers will be updated regularly. Check the DrayTek website for more information on the latest firmware, tools, and documents.

<https://www.draytek.com>