

Configuring TP-Link Modem for SpinTel NBN

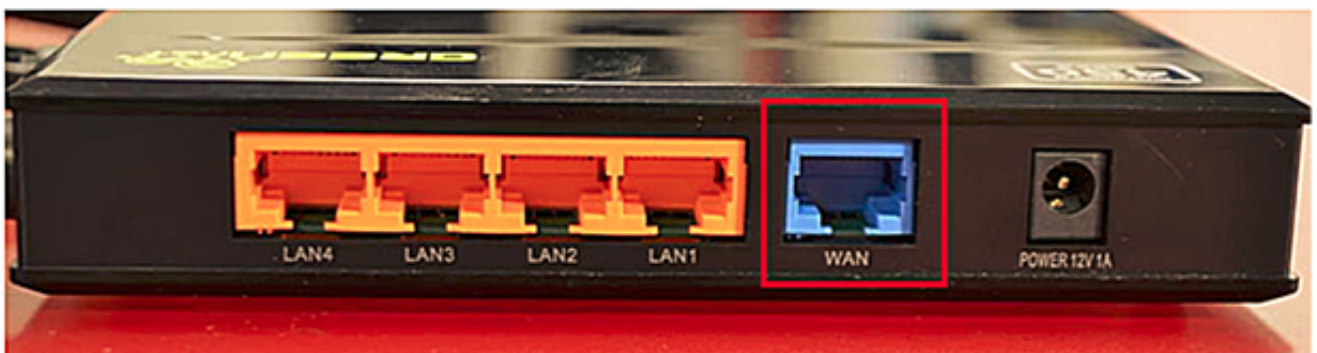
How do you know if your TP-Link modem is compatible with nbn?

There are 2 different types of ports you need to check whether your modem is compatible with the type of nbn service that you have on your premise.

1. DSL port - often grey in colour, uses RJ11 cable. This is the same as the old telephone cable you would use to plug your home phone into the wall socket.



2. WAN port - Also known as the internet port that uses RJ-45 Ethernet cable to connect your TP-Link modem to the nbn connection device.



Some modems have both of these ports, and some only have one. To identify which port is required for your nbn type of service, check the table below.

NBN type	Modem connection type	Authentication
Fibre to the Premise	Router/WAN connection	IPOE/Dynamic/DHCP
Fixed Wireless	Router/WAN connection	IPOE/Dynamic/DHCP
Hybrid Fibre Coaxial	Router/WAN connection	IPOE/Dynamic/DHCP
Fibre to the Curb	Router/WAN connection	IPOE/Dynamic/DHCP
Fibre to the Node	VDSL Modem required	IPOE/Dynamic/DHCP
Fibre to the Basement	VDSL Modem required	IPOE/Dynamic/DHCP

How Do You Set up Your TP-Link Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your TP-Link modem to your phone wall socket using a phone cable.
2. If **there is an NBN Connection Box** installed, connect to the WAN/Internet port on the back of your modem to your NBN Connection Box.
3. Connect any of the LAN ports on the back of your modem to your PC (optional)
4. Plug the NBN connection box, if there's any, to the power socket.
5. Connect the power port on the back of your modem to your power socket.
6. Ensure the modem is not locked to a specific provider. If it is, contact your provider to unlock it or use an unlocked modem.
7. Perform a factory reset on the modem if needed. Reconnect your devices using the default login credentials, which are typically found on the modem label.
8. Open a web browser and enter the modem's default IP address to configure the modem.

How Do You Log Into Your TP-Link Modem?

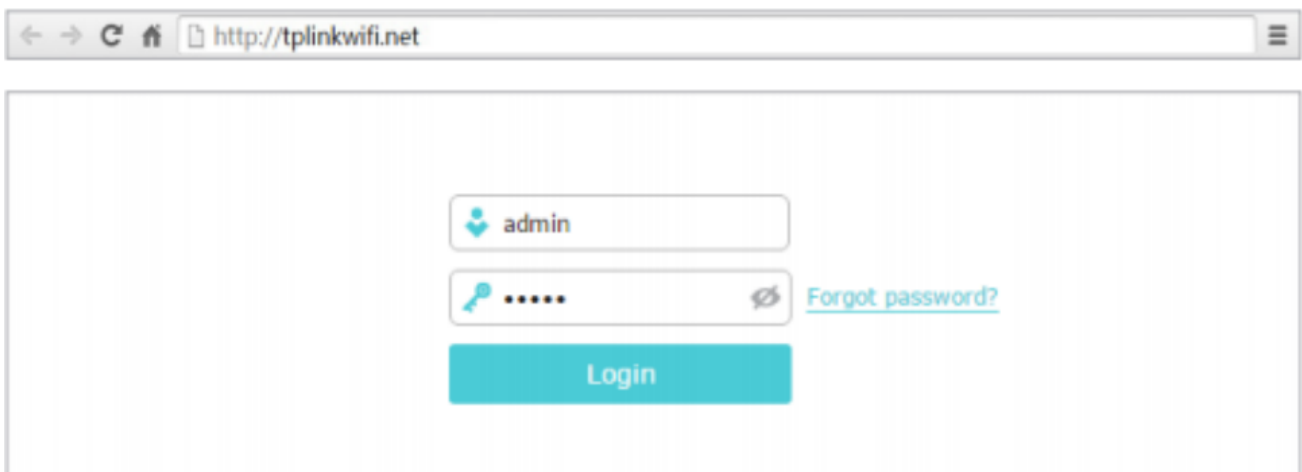
To access the modem interface, please make sure your device is connected to your Tenda modem through a wired or wireless connection.

1. From your browser, type in <http://tplinkmodem.net>, <http://tplinkmodem.net> or <http://192.168.1.1> in the address bar and hit **Enter**.

If the IP address does not work, please check the label attached to the back of the modem/router. Else, check your router's IP address. For instructions, click [here](#).

2. When prompted, enter admin1 in the password field for the TP-Link VX230 modem. For other TP-Link modem models supplied by SpinTel, enter admin as the password.

If you have already customised the password, enter your personalised credentials, then click **Login** to continue.

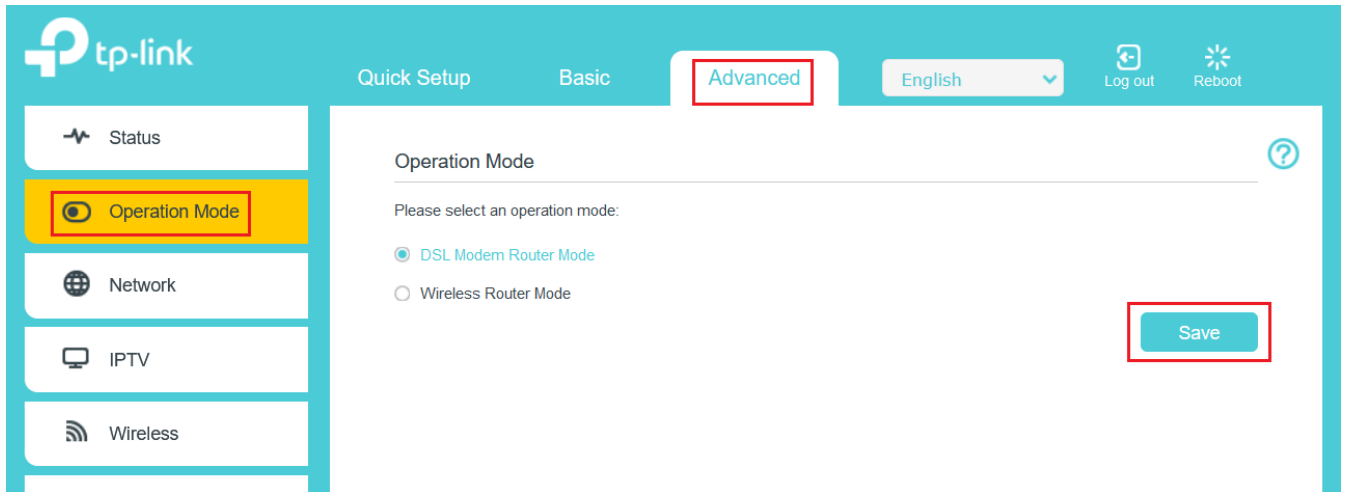


How Do You Configure Your TP-Link Modem?

For Newer TP Link Version

Once logged in, you will be routed to the Home page. Go to the **Advanced** tab and check the **Operation Mode**:

- **DSL Router Mode** - for FTTN/FTTB services
- **Wireless router Modem** - for HFC/FW/FTTP/FTTC services

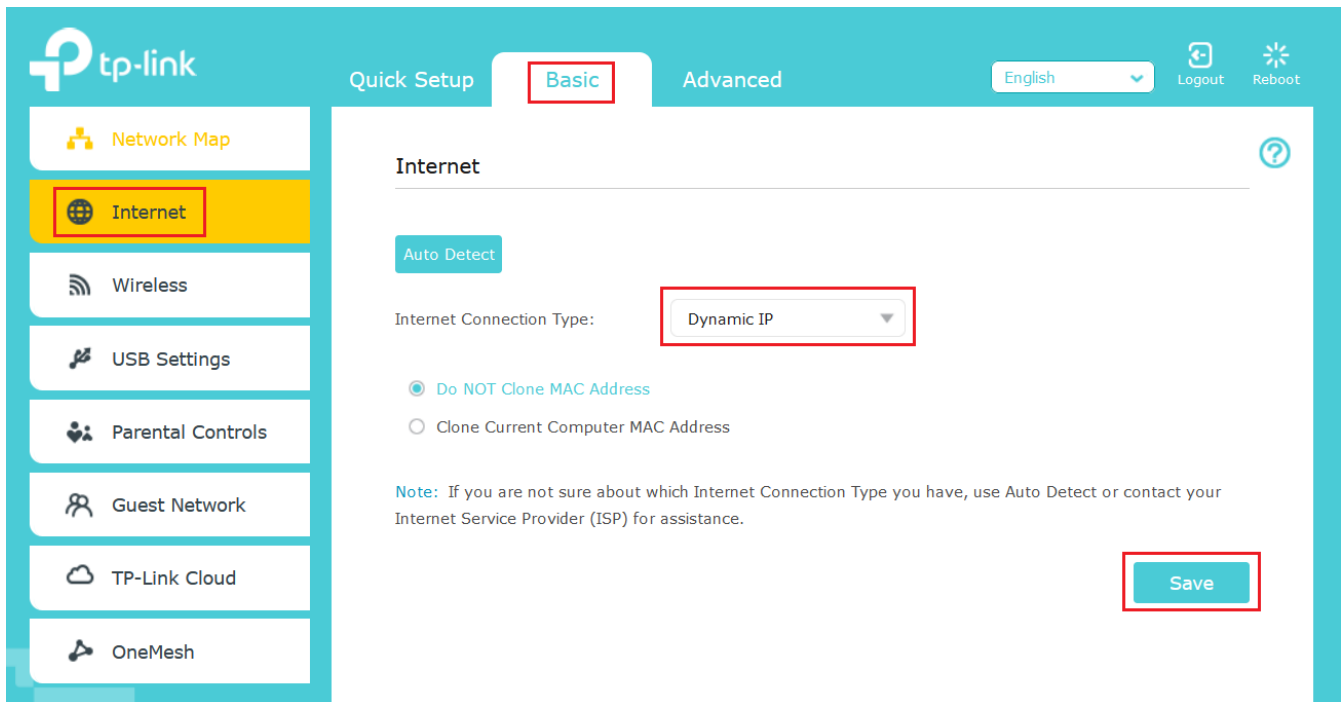


The modem will automatically reboot if you change/update the Operation mode.

Once done, you can configure the modem through **Basic** or on the **Advanced** tab.

Here's a guide through the Basic tab:

1. Go to the **Basic** tab
2. Select **Internet** on the left-hand panel
3. Select **Dynamic IP** on Internet Connection Type
4. Hit **Apply/Save**.

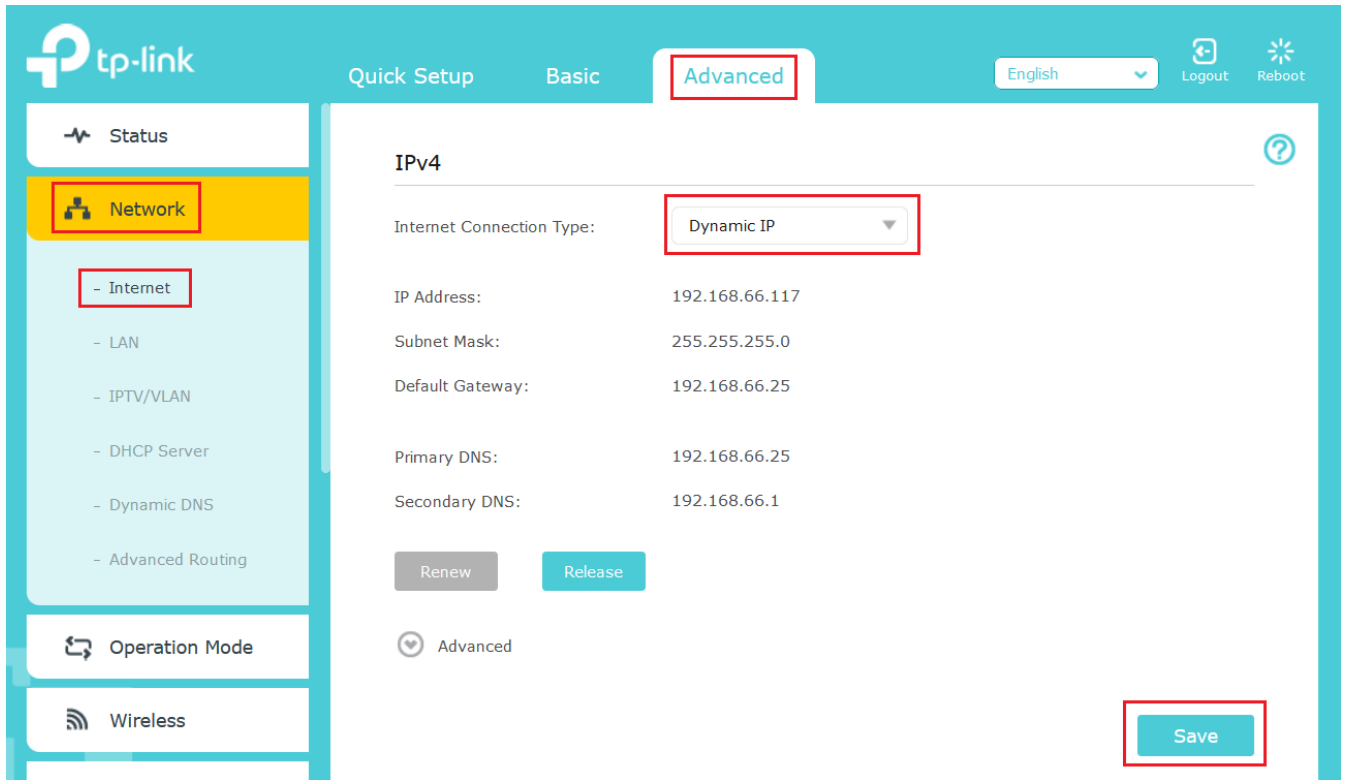


Wait **3-5 minutes** for the modem to go online, then test the service. Reboot modem if needed.

Alternatively, you can configure the modem through the Advanced tab:

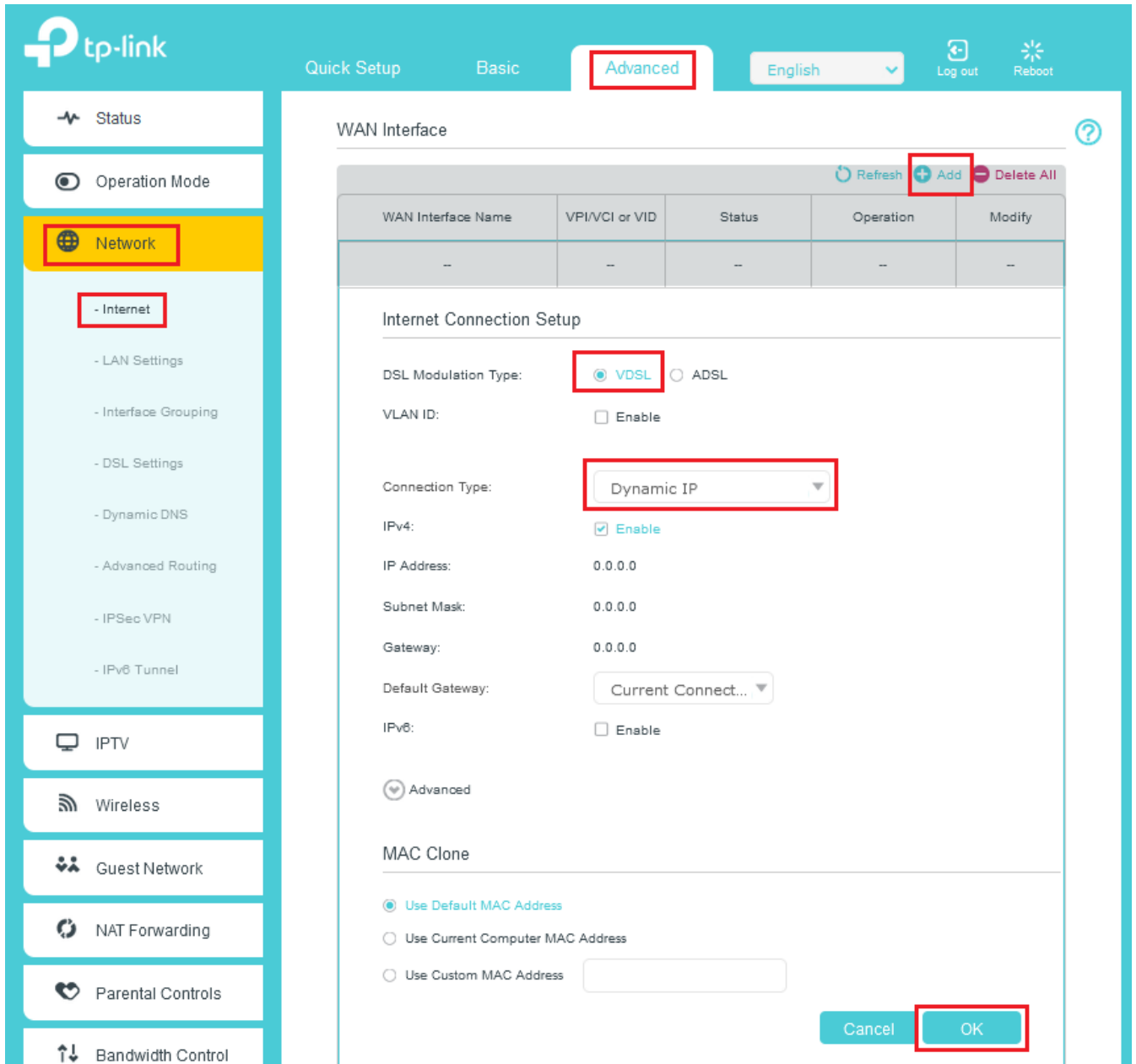
For FTTP, FTTC, HFC, FW

1. Go to the **Advanced** tab
2. Select **Network** on the left-hand panel
3. Click **Internet** then choose **Dynamic IP** on Internet Connection Type
4. Click **Apply/Save**



For FTTN/FTTB

1. Go to the **Advanced** tab
2. Select **Network** on the left-hand panel
3. Click **Internet** then click **Add**
4. Select **VDSL** on DSL Modulation Type
5. Choose **Dynamic IP** on Internet Connection Type
6. Click **Apply/Save**



Wait **3-5 minutes** for the modem to go online, then test the service. Reboot modem if needed.

For some other hardware versions, please refer to the image below.

1. Go to **Basic**
2. Click **Internet**

3. Select **Other** on the ISP List
4. Select **Dynamic IP** on the Connection Type
5. Then hit **Save**

The screenshot shows the TP-LINK Basic Setup interface. The 'Basic' tab is selected. On the left-hand panel, the 'Internet' option is highlighted. The main content area is titled 'Internet Connection Setup'. It features three fields: 'ISP List' with a dropdown menu set to 'Other', 'VPI:' with a text input field containing '0' and a range '(0-255)', and 'VCI:' with a text input field containing '38' and a range '(1-65535)'. Below these is the 'Connection Type:' dropdown menu, which is set to 'Dynamic IP'. A green 'Save' button is located at the bottom right of the form area. Red boxes highlight the 'Basic' tab, the 'Internet' menu item, the 'ISP List' dropdown, the 'Dynamic IP' dropdown, and the 'Save' button.

Through the Advanced tab:

1. Click **Advanced** tab
2. Click **Network** on left-hand panel then select **Internet**
3. Click **Add**
4. Select **Dynamic IP** on the Connection Type
5. Hit **OK/Save**

Status

Operation Mode

Network

Internet

LAN Settings

Interface Grouping

DSL Settings

Dynamic DNS

Advanced Routing

IPSec VPN

IPv6 Tunnel

IPTV

Wireless

Guest Network

NAT Forwarding

USB Settings

Parental Controls

WAN Interface

Refresh + Add - Delete All

WAN Interface Name	VPI/VCI	Status	Operation	Modify
--	--	--	--	--

Internet Connection Setup

VPI: (0-255)

VCI: (1-65535)

Note: The above parameters has several connections, and it will prohibit any modifications of the following parameters.

Advanced

Connection Type:

IPv4: Enable

IP Address:

Subnet Mask:

Gateway:

Default Gateway:

IPv6: Enable

Advanced

MAC Clone

Use Default MAC Address

Use Current Computer MAC Address

Use Custom MAC Address

Cancel

OK

For older version:

You may run **Quick Setup > Next >** choose **Auto Detect** or **Dynamic IP** then **Save**.

- Status
- Quick Setup**
- Network
- Dual Band Selection
- Wireless 2.4GHz
- Wireless 5GHz
- Guest Network
- DHCP
- USB Settings
- NAT
- Forwarding
- Security
- Parental Control
- Access Control
- Advanced Routing
- Bandwidth Control
- IP & MAC Binding
- Dynamic DNS
- IPv6 Support
- System Tools

Quick Setup

Run the Quick Setup to manually configure your internet connection and wireless settings.

Exit

Next

- Status
- Quick Setup**
- Network
- Dual Band Selection
- Wireless 2.4GHz
- Wireless 5GHz
- Guest Network
- DHCP
- USB Settings
- NAT
- Forwarding
- Security
- Parental Control
- Access Control
- Advanced Routing
- Bandwidth Control
- IP & MAC Binding
- Dynamic DNS
- IPv6 Support
- System Tools

Quick Setup - WAN Connection Type

The Quick Setup is preparing to set up your connection type of WAN port.

The Router will try to detect the Internet connection type your ISP provides if you select the **Auto-Detect** option. Otherwise, you need to specify the connection type manually.

- Auto-Detect** - Let the Router automatically detect the connection type your ISP provides.
- Dynamic IP (Most Common Setup)** - Use this option if you are immediately online once your computer directly plugs into your Cable/DSL modem without any setting changes or signing-in.
- PPPoE/Russian PPPoE** - You have DSL connection and are connecting via PPPoE (Broadband Connection) on your computer or existing router.
- Static IP** - Your ISP provide you specified IP parameters.
- L2TP/Russian L2TP** - In this type, you should fill in the username, password and IP address/Domain name of VPN Server provided by your ISP. Auto-Detect can't detect this connection type.
- PPTP/Russian PPTP** - In this type, you should fill in the username, password and IP address/Domain name of VPN Server provided by your ISP. Auto-Detect can't detect this connection type.

Note: For users in some areas (such as Russia, Ukraine etc.), please contact your ISP to choose connection type manually.

Back

Next

Through Manual Setup:

1. Select **Network > WAN**
2. Select **Dynamic IP** on WAN Connection Type
3. Then hit **Save**

TP-LINK®

Status

Quick Setup

Network

- WAN

- LAN

- MAC Clone

Dual Band Selection

Wireless 2.4GHz

Wireless 5GHz

Guest Network

DHCP

USB Settings

NAT

Forwarding

Security

Parental Control

Access Control

Advanced Routing

Bandwidth Control

IP & MAC Binding

Dynamic DNS

IPv6 Support

System Tools

WAN

WAN Connection Type: **Dynamic IP** Detect

IP Address: 0.0.0.0

Subnet Mask: 0.0.0.0

Default Gateway: 0.0.0.0

Renew Release **WAN port is unplugged!**

MTU Size (in bytes): 1500 (The default is 1500, do not change unless necessary.)

Use These DNS Servers

Primary DNS: 0.0.0.0

Secondary DNS: 0.0.0.0 (Optional)

Host Name:

Get IP with Unicast DHCP (It is usually not required.)

Save

Wait **3-5 minutes** for the modem to go online, then test the service. Reboot the modem as needed.

Setting up your Home Phone

If your order includes a Home Phone service, it's time to get it up and running. This detailed [guide](#) will walk you through every step needed to set up your home phone using your own modem.

Online URL:

<https://articles.spintel.net.au/article/configuring-tp-link-modem-for-spintel-nbn.html>