

Configuring DrayTek Modem for SpinTel NBN

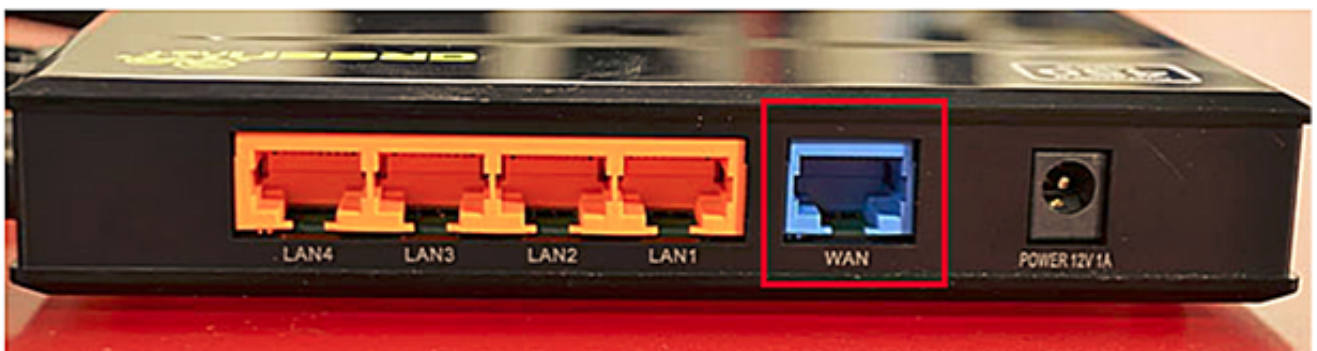
How do you know if your DrayTek modem is compatible with nbn?

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 DrayTek 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/Auto
Fixed Wireless	Router/WAN connection	IPOE/Dynamic/DHCP/Auto
Hybrid Fibre Coaxial	Router/WAN connection	IPOE/Dynamic/DHCP/Auto
Fibre to the Curb	Router/WAN connection	IPOE/Dynamic/DHCP/Auto
Fibre to the Node	VDSL Modem required	IPOE/Dynamic/DHCP/Auto
Fibre to the Basement	VDSL Modem required	IPOE/Dynamic/DHCP/Auto

How Do You Set up Your DrayTek Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your DrayTek 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 for IPoE set-up.

How Do You Log Into Your DrayTek Modem?

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

From your browser, type in <http://192.168.1.1> in the address bar and hit Enter.

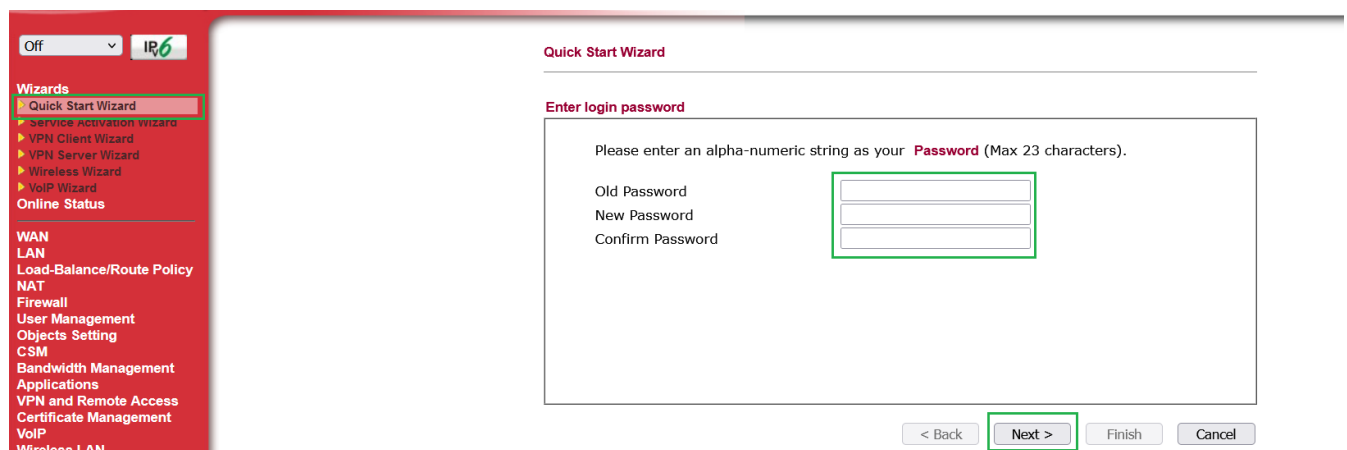
If the IP address does not work, please check the label attached to the back of the modem/router. Else, check your router's IP address. For instructions, click [here](#).

Log in with the account you set for the modem router, otherwise check the default username and password on the sticker of your modem.

How Do You Configure Your DrayTek Modem?


Once logged in, click the **Quick Start Wizard**.

1. The first screen of Quick Start Wizard is entering login password of the web user interface. After typing the password, please click **Next**.



The screenshot shows the DrayTek web interface. On the left is a red sidebar menu with categories: Wizards, WAN, LAN, Load-Balance/Route Policy, NAT, Firewall, User Management, Objects Setting, CSM, Bandwidth Management, Applications, VPN and Remote Access, Certificate Management, VoIP, and Wireless LAN. Under 'Wizards', 'Quick Start Wizard' is highlighted. The main content area is titled 'Quick Start Wizard' and 'Enter login password'. It contains a text prompt: 'Please enter an alpha-numeric string as your Password (Max 23 characters).' Below this are three input fields labeled 'Old Password', 'New Password', and 'Confirm Password'. At the bottom right of the main area are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted with a green box.

2. Create New WAN Interface, then click **Next**.

Off 

Wizards

- Quick Start Wizard
- Service Activation Wizard
- VPN Client Wizard
- VPN Server Wizard
- Wireless Wizard
- VoIP Wizard

Online Status

WAN

- LAN
- Load-Balance/Route Policy
- NAT
- Firewall
- User Management
- Objects Setting
- CSM
- Bandwidth Management
- Applications
- VPN and Remote Access
- Certificate Management
- VoIP
- Wireless LAN

Quick Start Wizard

WAN Interface

WAN Interface: WAN1

Display Name:


Physical Mode:

Physical Type: Auto negotiation

< Back **Next >** Finish Cancel

3. Select **IPoE** on Protocol Encapsulation

4. Select **No(Dynamic IP)** on Fixed IP the hit **Next**

Off 

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Quick Start Wizard

Connect to Internet

WAN 1

VPI: Auto detect

VCI:

Protocol / Encapsulation: 1483 Bridged IP (IPoE)

Fixed IP: ☐ Yes ☒ **No(Dynamic IP)**

IP Address:

Subnet Mask:


Default Gateway:

Primary DNS:

Second DNS:

< Back **Next >** Finish Cancel

5. Review Summary then hit **Finish** to complete.

Off 

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Quick Start Wizard

Please confirm your settings:

WAN Interface: WAN1

Physical Mode:

Physical Type: Auto negotiation

VPI:

VCI:

Protocol / Encapsulation:

Fixed IP:

Primary DNS:

Secondary DNS:

< Back Next > **Finish** Cancel

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

If your modem has any existing profiles configured, make sure to delete them to avoid double authentication or connection issues. You can usually find these profiles in your modem's settings under sections like 'Internet Settings,' 'WAN Setup,' or 'PPP Connections.'

Online URL:

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