

# TP-Link TD-W9980 Modem Setup Guide

# ***Bigpipe Setup Guide for TP-Link TD-W9980 N600 Wireless Dual Band Gigabit VDSL/ADSL2+ Modem Router***



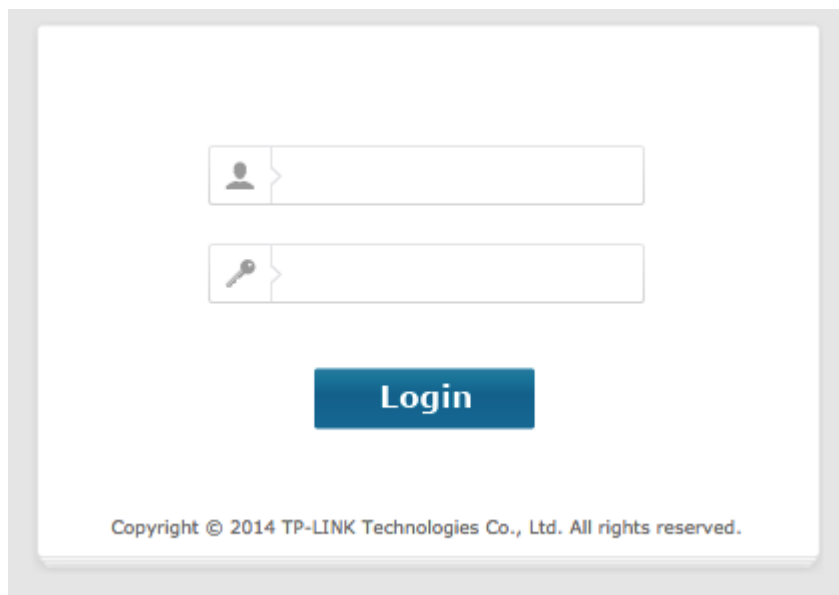
Please follow the below instructions to set up your TP-Link TD-W9980 for the Bigpipe VDSL (Turbo) plan.

## Internet setup

– After you have powered the modem on and have plugged the DSL cable into your wall jack and the other end into the white VDSL port on the back of the modem (as seen above), please connect the white ethernet cable into the yellow LAN1 port on the back of the modem and the other end of the ethernet cable

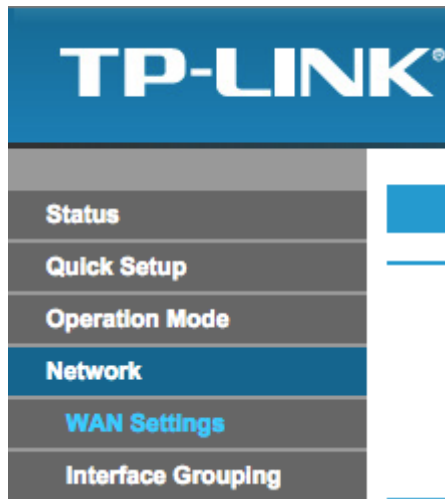
into your computer's LAN port. (If your computer does not have a LAN port, connect to the TP-Link WiFi network and use the PIN/Password printed on the underside of the modem)

– Please open a web browser like, Google Chrome, Firefox or Internet Explorer for example. Once you have, enter 192.168.1.1 into the address bar and click enter. You will then see the below image.

The image shows a login page for a TP-Link device. It features two input fields: the top one has a user icon and the bottom one has a key icon. Below these fields is a blue button labeled "Login". At the bottom of the page, there is a copyright notice: "Copyright © 2014 TP-LINK Technologies Co., Ltd. All rights reserved." data-bbox="67 291 594 555"/>

-Please enter admin for the username and admin for the password and then click enter.

-Once you have, select network and then WAN Settings from the left hand side as seen below.



-Click on the add button as seen below

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This page shows the information of the entire xDSL WAN interface.  
Current DSL modulation type is **VDSL**, and ADSL wan connections are disabled.

Name	Type	VPI/VCI or VID	IPv4	IPv6	IP/Mask	Gateway	DNS	Status	Connect	Action
<div style="text-align: center;"><span>Add</span> <span>Refresh</span></div>										

-Please change the setting to replicate what you see below  
(you can use your own PPP username and password)

**WAN Settings**

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**DSL Modulation Type**  
DSL Modulation Type: VDSL

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**PTM Configuration**  
Enable Vlan ID ☒  
VLAN ID (1-4094):

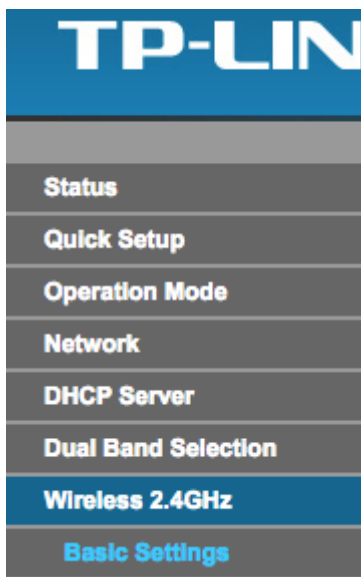
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**WAN Service Setup**  
Connection Type: PPPoE  
PPP Username:   
PPP Password:   
Confirm password:   
Connection Mode: ☒ Always on  
☐ Connect on demand  
☐ Connect manually  
Max Idle Time:  minutes (0 means remain active at all time)  
Authentication Type: AUTO\_AUTH  
Enable IPv4: ☒  
Enable IPv6: ☐  
Default Gateway: Current Connection

-Great, you should now be able to connect to the internet and browse to a website! Please keep reading to learn how you can setup your WiFi.

## WiFi Setup

-Please click on the Wireless 2.4GHz tab and select Basic



-Where I have put “YOUR NETWORK NAME” enter a recognisable name for your WiFi, make sure the other settings are the same as pictured below, and click on the Save button.

**SSID:**

**Region:**

**Warning:** Ensure you select a correct country to conform local law.  
Incorrect settings may cause interference.

**Mode:**

**Channel:**

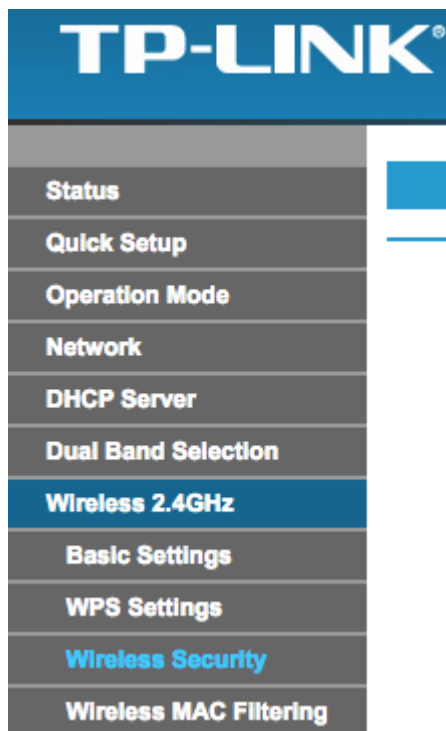
**Channel Width:**

☒ Enable SSID Broadcast

☐ Enable WDS

Save

-Now you will want to set a Wireless password, please select the tab Wireless Security.



-Where I have entered "PUT PASSWORD HERE" enter your own password for your WiFi

## Wireless Security Settings

Note: WEP security, WPA/WPA2 - Enterprise authentication and TKIP encryption are not supported with WPS enabled.  
For network security, it is strongly recommended to enable wireless security and use WPA2-PSK AES encryption.

☐ Disable Wireless Security

☒ WPA/WPA2 - Personal (Recommended)

Authentication Type: WPA2-PSK

Encryption: AES

Wireless Password: Put Password Here

(Enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)

Group Key Update Period: 0 (seconds, minimum is 30, 0 means no update)

-Great! Click on Save and then remove the ethernet cable and connect via the WiFi network you just created.

Save

**Important:** If you were already connected via WiFi, you will have been disconnected. Don't worry! Just select the network name and connect again using the password you just created.

Now you can browse the internet ☐

**Disclaimer:** Our modem guides are just for setting up your Bigpipe connection with these specific models of modem. If something goes wrong during setup we recommend doing a factory reset of your modem and – if necessary – [getting in touch with the Bigpipe support team](#). These guides don't cover everything your modem can do. If you want to get more in-depth, we recommend starting with Googling your modem model number.