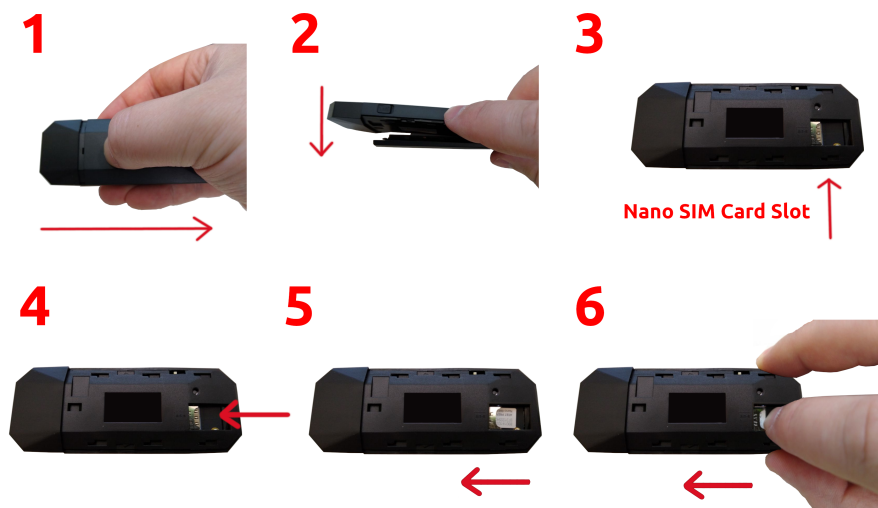


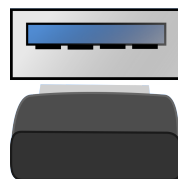
4G Modem + PenguinVPN 2.0 Service Router Setup Directions

If you have purchased a TPE-R1300 or TPE-R1400 router with a 4G modem router configuration and PenguinVPN 2.0 service alongside a TPE-USB4G2US USB 4G modem then these directions are for you. This combination of hardware (and the PenguinVPN 2.0 service) has been explicitly tested and configured to work together. This has been vetted with an AT&T SIM card, but as you may not have purchased or be planning to use an AT&T SIM card with the router you may need to set the APN on the router. If you purchased the modem and router with a three.co.uk SIM card or an AT&T SIM card the APN will already be set and you can skip the steps related to it, though you will still need to follow the directions on activating the three.co.uk SIM card and/or AT&T SIM card.

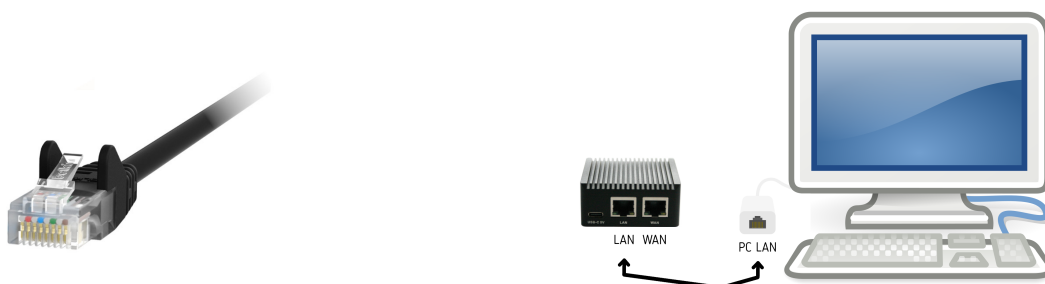
1. First you will need to install a SIM card in the USB 4G modem as shown below:



2. Then you will need to connect the USB 4G modem to the USB A port on the router like so:



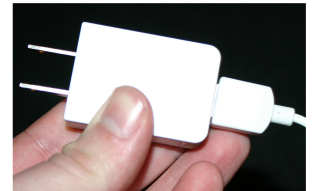
3. You can then connect a computer directly to the LAN port via the included ethernet cable (shown to the lower left). The other end can be connected to a PC or a gigabit switch (upon which you can connect other computers and devices).



4. Depending on the router purchased a USB-A to micro USB or USB-A to USB-C cable is included to power the router alongside a USB-A power adapter. The power adapter connects to a wall socket or power strip and the USB-A end of the USB power cable connects to the power adapter. The other end connects to the USB-C 5V port or the micro USB 'Power' port depending on the router.

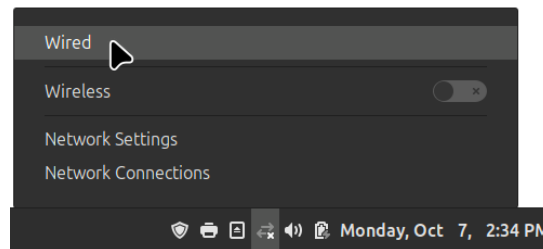


USB-A



Power Adapter

5. Once the power is connected give the router a minute or so to boot up. Then go to your computer's network applet and connect to the router as shown below:

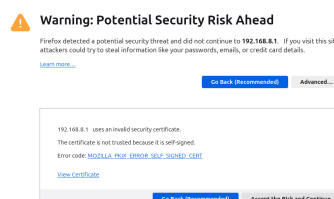


6. If you have not activated the SIM card locate the directions provided by the cellular provider and do so now.

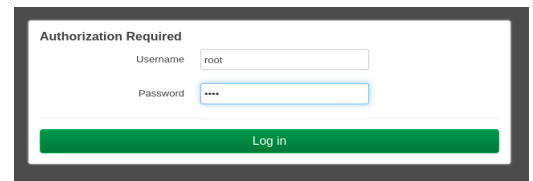
7. Lastly you'll probably need to set the APN for the cellular provider (if you didn't pick up an AT&T or three.co.uk SIM card with the router/4G modem). To do so open a web browser on your PC and log in to the router at <https://192.168.8.1/> ... you will need to enter this into the address bar of the browser as shown below (note: if you purchased the router with VPN service this may be <https://192.168.3.1/>):



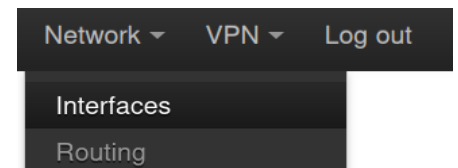
Note: You'll get a warning message like below, click Advanced.. and then the Accept the Risk and Continue button:



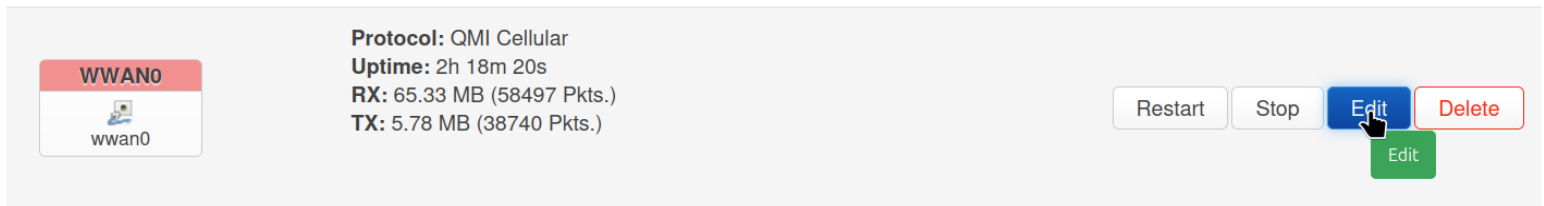
Log in with the password ‘none’ (without the quotes)

A login form titled "Authorization Required". It has two input fields: "Username" with the text "root" and "Password" with four asterisks. Below the fields is a green "Log in" button.

8. From the menu go to Network > Interfaces



9. Click the Edit button next to WWAN0.

A status card for the WWAN0 interface. On the left is a red header "WWAN0" with a small icon and the text "wwan0". To the right, it shows "Protocol: QMI Cellular", "Uptime: 2h 18m 20s", "RX: 65.33 MB (58497 Pkts.)", and "TX: 5.78 MB (38740 Pkts.)". On the far right are four buttons: "Restart", "Stop", "Edit" (highlighted with a mouse cursor), and "Delete". A green "Edit" tooltip is visible below the "Edit" button.

10. Here you can change the APN and adjust any other settings required for the cellular provider. You may need to contact support or lookup your cellular provider’s APN to connect. Most providers document this somewhere, but be aware some providers have more than one APN and not all APNs may work.

An input field for the APN. The label "APN" is to the left of the field, which contains the text "Broadband".

11. Click the Save button, then the Save & Apply button.

12. Whether or not you have changed the APN you will need to reboot the router after activating your SIM card. You can do that from the menu by going to System > Reboot and then clicking the Perform reboot button.

If you have any questions please feel free to contact support with a description of the product(s) you purchased and are using together along with a description of the problem you are encountering. Preferably include an order #.

You can email support at: support@thinkpenguin.com

Advanced users: It’s also advisable to change the default password after logging in to the router. You can do that via the web user interface on the router. To do this open a web browser and go to <https://192.168.8.1> . Then you will find the option to change the log in password under System > Administration. It’s recommended that you make a note of the new password. If the router is in a secure location it’s common for people to place a note on the bottom of the router itself for future reference.