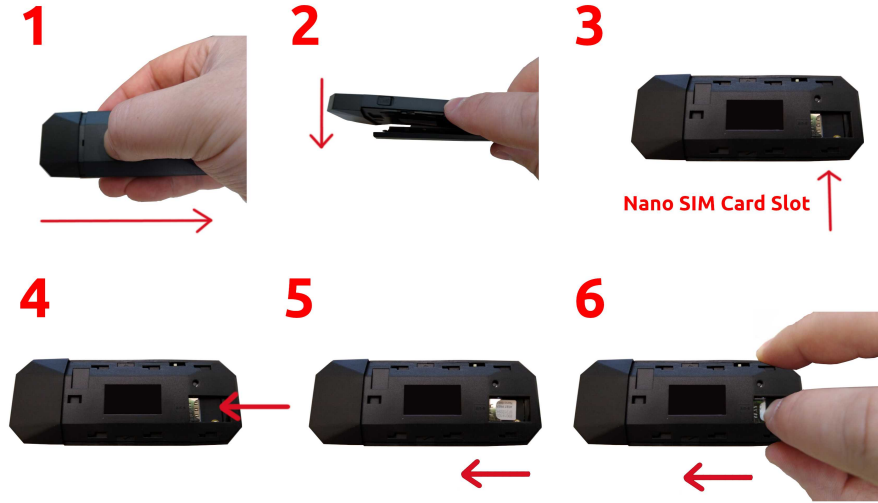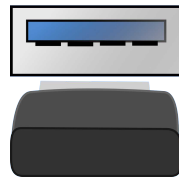# 4G Modem + Router Setup Directions

The TPE-R1300 or TPE-R1400 router you have purchased has been tested and configured to work with a TPE-USB4G2US USB 4G modem. 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 make some additional changes. The directions for an initial setup are below.
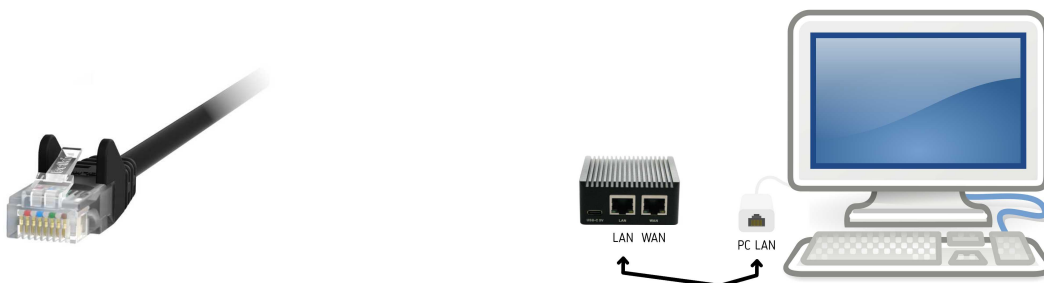
1. First you will need to install a SIM card in the USB 4G modem as shown below:

Nano SIM Card Slot

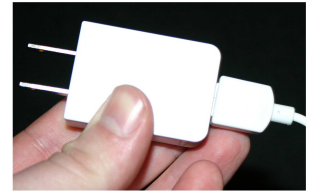2. Then you will need to connect the USB 4G modem to the USB A port on the router like so:

3. You can then connect a comptuer 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).

LAN WAN

PC LAN

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.
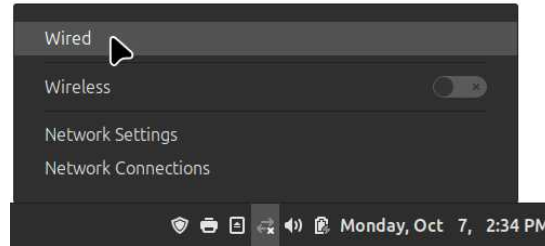

USB-A

USB-C 5V

Power

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:
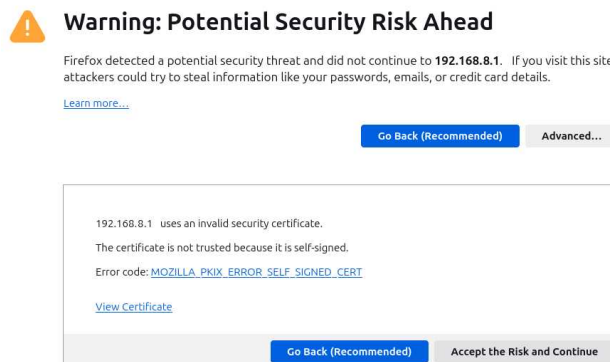

6. If you have not activated the SIM card locate the directions provided by the cellular provider and do so now.
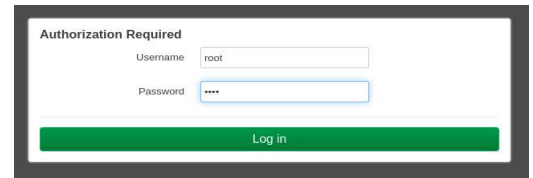
7. Lastly you'll probably need to set the APN for the cellular provider. To do so open a web browser on your PC and log in to the router at https://192.168.8.1/ … you will need to enter this into the address bar of the browser as shown below:
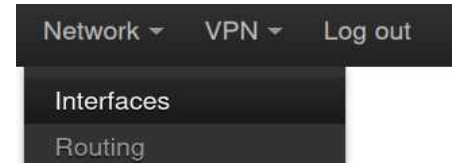

Note: You'll get a warning message like below, click Advanced.. and then the Accept the Risk and Continue button:
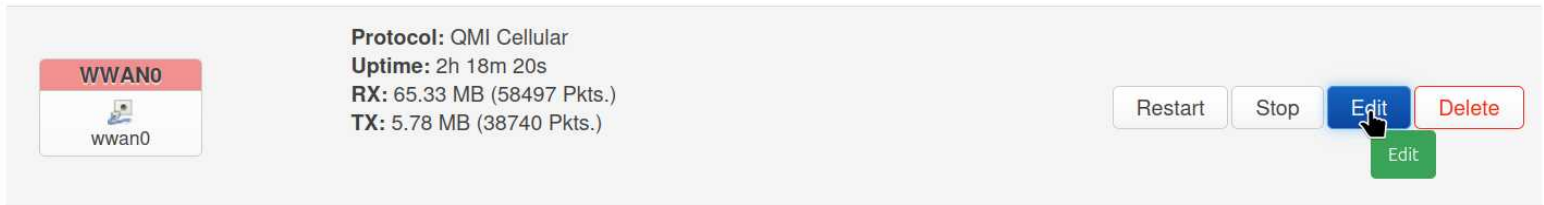
Log in with the password 'none' (without the quotes)

8. From the menu go to Network > Interfaces

9. Click the Edit button next to WWAN0.

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.

11. Click the Save button, then the Save & Apply button. Then reboot the router. 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.