



Pumpkin i350 – Bring-up Guide

This is a guide to bring up a Pumpkin Pi i350 board.

Note: This Bring-Up Guide assumes the Pumpkin Pi board has Yocto Linux pre-loaded on it. If you need to load a Linux image on the board, you will need to follow the instructions for loading Boot Images.

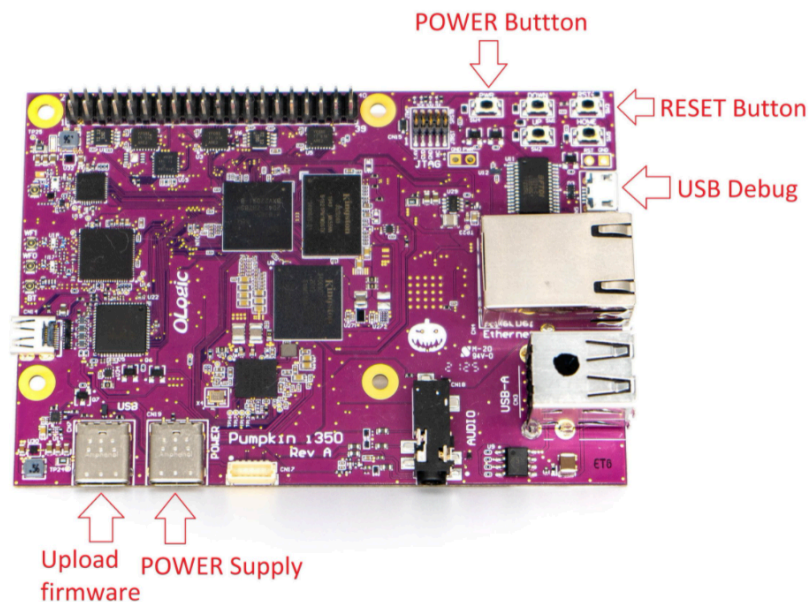


Figure 1 - Pumpkin Pi i350

Items you will need:

1. Laptop with Putty or similar serial monitor
2. 5V 3A USB charger + USB Type-C Cable to power the Pi
3. USB micro-B cable for UART Debug

Connecting from Windows Host:

Step 1: USB connections

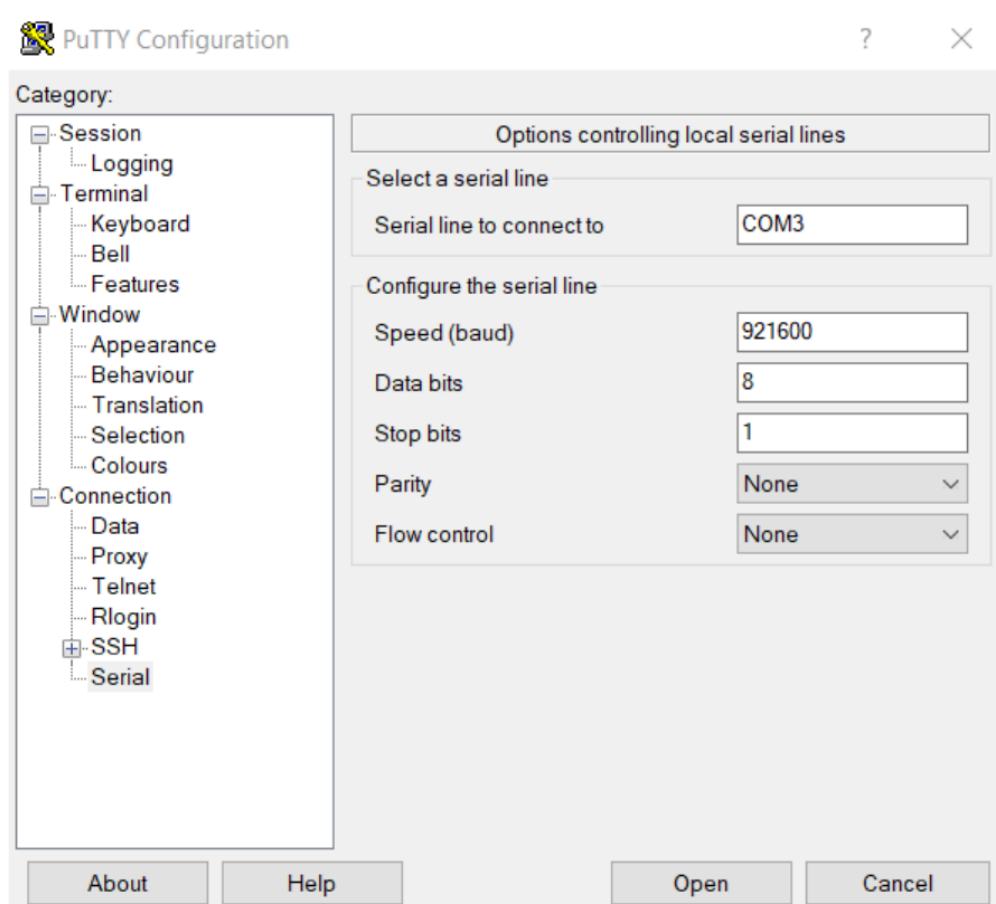
- Connect the micro USB cable from your laptop to the debug header on the Pumpkin Pi. See Figure 1.
- Connect a 5V 3A USP Type-C cable to the power connector. See Figure 1.

Step 2: Connect to correct COM port

- Type in “device manager” in windows search bar
- Scroll down to “Ports (COM & LPT)” & verify the correct port

Step 3: PuTTY

- Select “Serial” under SSH
- Fill in the connection settings with the following information
- Make sure to set the COM port to the one you verified in the previous step



Step 4: Power

- Press the power button “SW4” See Figure 1.

Step 5: Login

- You should see the device boot up on the com port.
- Login as username: root
- no password.

Connecting from Linux Host:

Step 1: USB connections

- Connect the micro USB cable from your laptop to the debug header on the Pumpkin Pi. See Figure 1.
- Connect a 5V 3A USP Type-C cable to the power connector. See Figure 1

Step 2: SSH

- Open Linux terminal

Step 3: Configure USB serial port

- Launch minicom using `sudo minicom`

```
1 Port: /dev/ttyUSB0
2 Speed (Baud): 921600 - 8-data bits - no parity
3 Flow Control: none
```

Step 4: Power

- Press the power button “SW4” See Figure 1.

Step 5:

- You should see the device boot up on the com port.
- Login as username: root
- no password.