

## **Required materials for Praxis 5: Setting up a Mesh Network**

- Raspberry Pi 3+ with an SD card already flashed with Raspbian Lite.
- Ethernet cable and adapter for connecting our Pi to our computer.
- A simple website to share over the network.
- A WiFi radio that supports “mesh” mode (See links below)

The recommended WiFi Radio model is: **TP Link TL-WN722N or TL-WN727N**

Refer to this list of online stores based on your location, compiled by Sarah Grant.

### **Canada**

- <https://www.bestbuy.ca/en-ca/product/tp-link-wireless-150-mbps-usb-2-0-adapter-tl-wn722n/12421885>

### **China**

- I had jd.com recommended to me, but I wasn't able to navigate the site without a mobile phone number. I saw they had the tp-link wn722n available as a search term, though.

### **Colombia**

- <https://www.mercadolibre.com.co/placa-de-red-tp-link-wireless-wn722n-150mbs-usb/p/MCO23058873>

### **Karnataka**

- <https://www.amazon.in/TP-Link-TL-WN722N-150Mbps-Wireless-Adapter/dp/B002SZEOLG/>

### **Kenya**

- <https://www.digitalstore.co.ke/products/tp-link-tl-wn727n-wireless-usb-adapter-150mbps>

### **Nigeria**

- <https://dirigible.com.ng/product/tp-link-tl-wn722n-150mbps-high-gain-wireless-usb-adapter/>

### **Germany / Austria / Slovenia**

- <https://www.reichelt.de/wlan-adapter-usb-150-mbit-s-tp-link-tl-wn722n-p125227.html>
- <https://www.bechtle.com/shop/tp-link-tl-wn722n-wlan-usb-adapter--716720--p>

### **Serbia**

- <https://gigatron.rs/mrezne-karte-i-adapteri/tp-link-150mbps-high-gain-wireless-usb-adapter-tl-wn722n-9116>

### **Switzerland**

- <https://www.bechtle.com/ch/shop/tp-link-tl-wn722n-wlan-usb-adapter--716720--p>
- <https://www.digitec.ch/de/s1/product/tp-link-tl-wn722n-usb-20-wlan-netzwerkadapter-435729?ip=tp+link+wn7>

### **USA**

- <https://www.amazon.com/Tp-Link-TL-WN722N-IEEE-802-11n-draft/dp/9800359850>

### **UK**

- <https://www.amazon.co.uk/TP-LINK-TL-WN722N-Mbps-Wireless-Adapter/dp/B002SZEOLG>