Accessing Your WLAN Pi

"How do I get into this thing!?"

- WLAN Pi runs a Armbian, a small scale Debian Linux distribution

- Image provides a range of linux services and tools
  - Learn more about Linux, shell scripting, Python?
  - You may even like to install some that we haven't included in the distribution (apt-get)

- Range of tools we've created or installed that you might like/need to access from the OS command line

- But, how do you get "in" to the WLAN Pi to access the command line goodness?

- No serial console access, need network connection

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- Kit used in this video:
  - NEO2 SBC (Running WLAN Pi image v1.9.1 – "out of the box", no mods)
  - Comfast CF-912AC wireless adapter

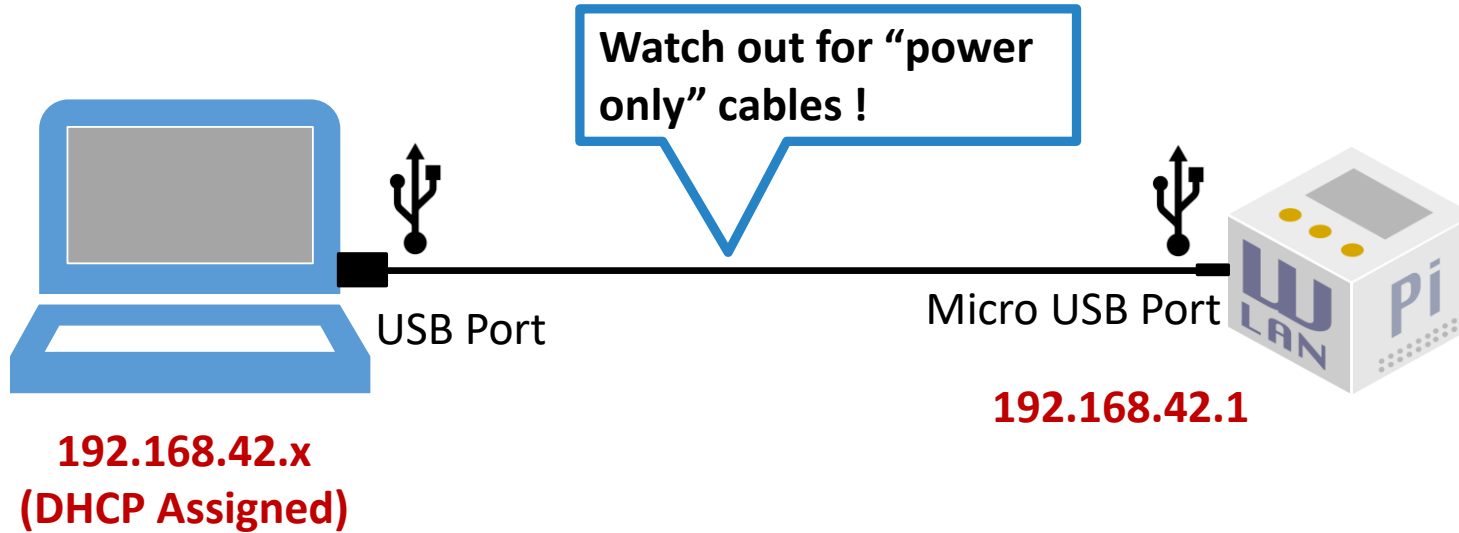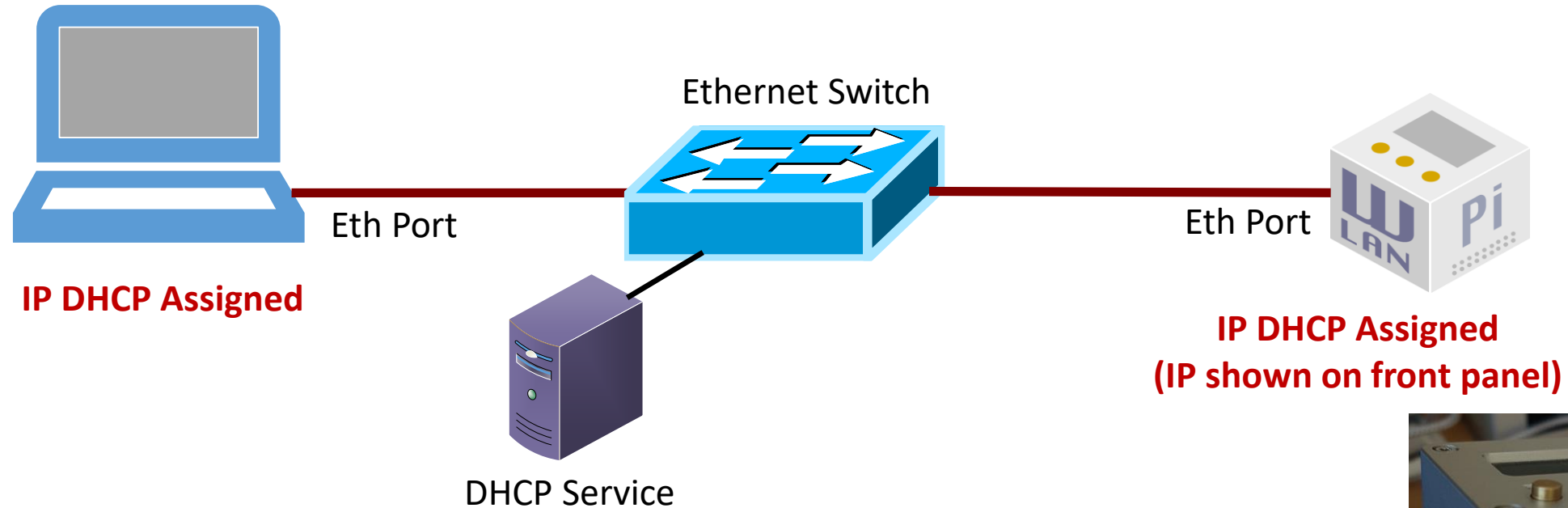# WLAN Pi Variations

#1 – USB/OTG Access

OTG = "On The Go"
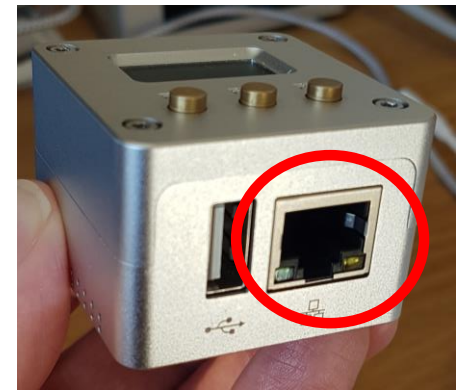
Watch out for "power only" cables !

USB Port

Micro USB Port

192.168.42.1

**192.168.42.x
(DHCP Assigned)**

**Default login credentials:
User: wlanpi
Pwd: wlanpi**

OTG

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#1 – USB/OTG Access (Demo)

#2 – Ethernet Network Access

Ethernet Switch

Eth Port

IP DHCP Assigned

Eth Port

**IP DHCP Assigned
(IP shown on front panel)**

DHCP Service

**Default login credentials:
User: wlanpi
Pwd: wlanpi**

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#2 – Ethernet Network Access (Demo)

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#3 – Wireless Network Access

WLAN Pi with
Wireless adapter

Wi-Fi link

**IP DHCP Assigned
(IP shown on front
panel)**

IP DHCP Assigned

DHCP Service
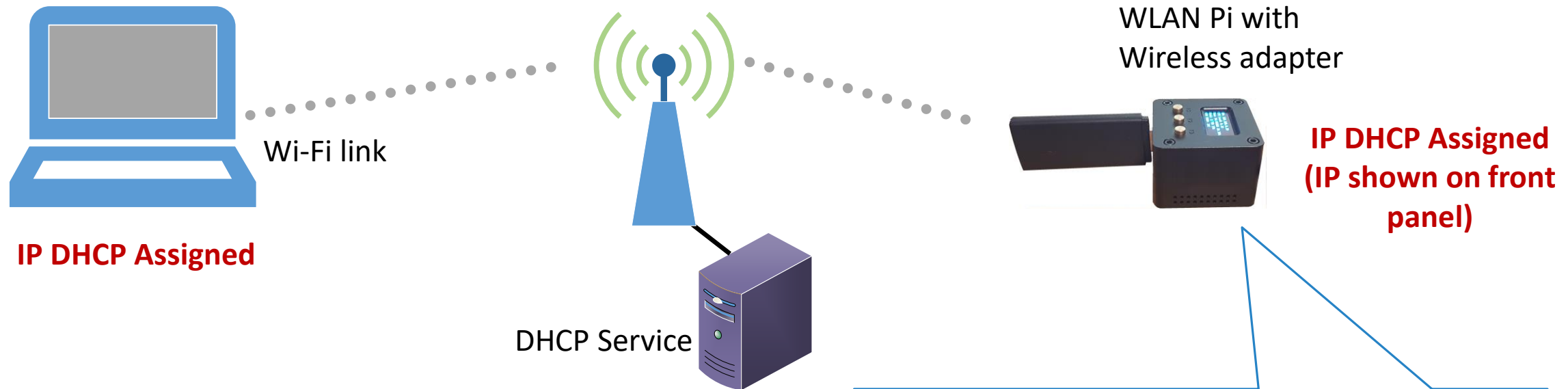
**Default login credentials:
User: wlanpi
Pwd: wlanpi**

Requires initial setup using access via another
method such as OTG to establish wireless
connection.

Edit files:
- /etc/network/interfaces
- /etc/wpan_supplicant/wpa_supplicant.conf

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#3 – Wireless Network Access (Demo)

#4 – Hotspot Access

Default SSID: wlanpi_hotspot

WLAN Pi with
Wireless adapter

**192.168.88.x
(DHCP Assigned)**

192.168.88.1

PSK: wifipros

**Default login credentials:
User: wlanpi
Pwd: wlanpi**

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#4 – Hotspot Access (Demo)

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Summary:

#1 – USB/OTG Access
#2 – Ethernet Network Access
#3 – Wireless Network Access
#4 – Hotspot Access (Demo)

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VISIT: WLANPI.COM
help.wlanpi.com

#wlanpi
@wlanpi

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