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nlkguy

minor changes

b59f7fd

on Aug 26, 2022


21 commits

Images	Add files via upload	2 years ago
README.md	minor changes	5 months ago
change_interface_name.md	Update change_interface_name.md	2 years ago
install.sh	Create install.sh	2 years ago

README.md

TP-Link Archer T2U Plus a.k.a AC600 High-Gain

TP-Link Archer T2U Plus a.k.a AC600 High Gain is a very **affordable** dual band wireless adapter **compatible with kali linux** and supports monitor mode , soft AP mode,packet injection etc. it supports both 2.4 GHz and 5GHz band and has a 5dBi Antenna for better signal reception. 2357:0120



Why should i buy this adapter ?

This adapter has a **Realtek RTL8821AU Chipset** at its heart. RTL8821AU has plenty of developer support in linux community and has driver for Kali linux , Parrot OS .etc Archer T2U Plus is on sale **under 15 USD ~ 1000 INR** , which is a very affordable price for Beginners in Pentesting. 2357:0120 is the USB ID.

Where to buy

Amazon

Flipkart

Driver for Debian Based Linux Distros (Ubuntu/Kali Linux)(x86_64)

- Update the package information :

```
sudo apt update
```
- Install dkms and git :

```
sudo apt install dkms git
```
- Install Build Dependencies :

```
sudo apt install build-essential libelf-dev linux-headers-$(uname -r)
```
- Download the Driver files using git :

```
git clone https://github.com/aircrack-ng/rtl8812au.git
```
- Navigate to the Downloaded directory :

```
cd rtl88*
```
- Install the Driver

```
sudo make dkms_install
```

if the installation is aborted , check existing dkms modules and uninstall previously installed driver

🔧 [Uninstall Existing Driver](#)

7. Check the wireless interfaces by typing `iwconfig` .

```
kali@kali:~$ iwconfig
lo        no wireless extensions.

eth0      no wireless extensions.

wlan0     IEEE 802.11 ESSID:""  Mode:Managed  Frequency:2.412 GHz  Access Point: Not-Associated
          Sensitivity:0/0
          Retry:off   RTS thr:off   Fragment thr:off
          Power Management:on
          link Quality/tx/rx   Signal level/tx dBm  Noise level/tx dBm
          Rx invalid nwid:0  Rx invalid crypt:0  Rx invalid frag:0
          Tx excessive retries:0  Invalid misc:0  Missed beacon:0
```

if you encounter any weird interface name , rename the Wireless interface by following below steps

🔧 [Change/Rename Network Interface](#)

🔧 Driver for Raspberry Pi (Raspbian OS / Kali)(ARM)

1. Update the package information :

```
sudo apt update
```

2. Install dkms and git :

```
sudo apt install dkms git
```

3. Install Build Dependencies :

🔧 For Raspbian OS

```
sudo apt-get install raspberrypi-kernel-headers
```

🔧 For Kali for ARM

```
sudo apt-get install build-essential libelf-dev kalipi-kernel-headers
```

4. Download the Driver files using git :

```
git clone https://github.com/aircrack-ng/rtl8812au.git
```

5. Navigate to the Downloaded directory :

```
cd rtl88*
```

🔧 For Raspberry (RPI)

6. Then run this step to change platform in Makefile, For RPI 1/2/3/ & 0/Zero:

```
sed -i 's/CONFIG_PLATFORM_I386_PC = y/CONFIG_PLATFORM_I386_PC = n/g' Makefile
sed -i 's/CONFIG_PLATFORM_ARM_RPI = n/CONFIG_PLATFORM_ARM_RPI = y/g' Makefile
```

🔧 But for RPI 3B+ & 4B you will need to run those below which builds the ARM64 arch driver:

```
sed -i 's/CONFIG_PLATFORM_I386_PC = y/CONFIG_PLATFORM_I386_PC = n/g' Makefile
sed -i 's/CONFIG_PLATFORM_ARM64_RPI = n/CONFIG_PLATFORM_ARM64_RPI = y/g' Makefile
```

🔧 In addition, if you receive an error message about unrecognized command line option `'-mgeneral-regs-only'` (i.e., Raspbian Buster), you will need to run the following commands, then retry building and installing:

```
export ARCH=arm
sed -i 's/^MAKE="/MAKE="ARCH=arm\' /' dkms.conf
```

7. Install the Driver

```
sudo make dkms_install
```

[illegible]

8. Check the wireless interfaces by typing `iwconfig`.

👉 Change/Rename Network Interface

🔗 Uninstall Driver in Linux

- check the module name and version using the command `sudo dkms status`.

```
$ dkms status
8812au, 5.6.4.2_35491.20191025, 5.10.63+, armv6l: installed
rtl8188fu, 1.0, 5.10.63+, armv6l: installed.^^
```

- here module name is 8812au and module version is 5.6.4.2_35491.20191025.

- use `sudo dkms remove <module>/<module-version>.`

```
$ sudo dkms remove 8812au/5.6.4.2_35491.20191025 --all
```

Deleting module version: 5.6.4.2_35491.20191025 completely from the DKMS tree.

Done.

- delete this file using `sudo rm -rf /var/lib/dkms/8812au/`.

References

DigitalOcean.com : Sed Stream Editor Basics