## **Quick Installation Guide**

Realtek Driver Installation A1:FAQ Online Support,Warranty,Replacement A2: Windows XP/7/8.1/10 Driver Installation A3: Mac OS 10.6-10.15 Driver Installation A4: Linux Driver Installation

### All Driver Download:

https://www.ninepluswifi.com/download.html Email for latest driver and Replacement Support Email: <u>onebigvip@qq.com</u> Support phone: +1(888)991-1996(Toll Free for USA)



Installation Video tutorial

### Online setup soft and step:

https://www.ninepluswifi.com/view/how-to-do-online-setup-for-you.html

## A1: FAQ Online Support, Warranty, Replacement

### Frequently Asked Questions (FAQ) and Warranty Services Activation

Please activate warranty services .

You can have access to the following services after warranty services are activated.

Warranty services activation address: https://www.sellerwarranty.com/

- 1. Product Warranty time shall be extender one year
- 2. In case of device failure, you can **replace it with a new device free of charge and with no justification** within a year.
- 3. Access to online technological installation service (contact us if necessary).
- 4. As soon as warranty services are activated, our system shall automatically send you an email, making it convenient for you to contact us for replacing device or troubleshooting.

### In occurrence of the following issues, Mail us: onebigvip@qq.com for new driver or replacement!

Please contact us immediately under the following circumstances.

- 1. Failure to install the driver or search for no signal after the driver is installed
- 2. Only can connect 2.4G, failure to connect 5G
- 3. Shutoff and re-connection occur repeatedly
- 4. Internet connection is often lost for no reason
- 5. Internet speed is very slow
- 6. Need more version of driver for Mac OS,Linux

# A2: Windows Driver Installation

### 1. Hardware Installation

Two ways below to install USB WIFI Adapter:

1. Directly plug USB WIFI Adapter into USB interface of PC.

2. Connect USB interface of PC via a pedestal for USB extension line.

**Note:** Regarding desktops, it is suggested to use a pedestal for USB extension line to connect an interface at the back of the computer case (Front interfaces of most of desktops are under-powered or unusable), it is more effective to extend to table top!

### 2. Windows Driver Installation

Windows Driver link: https://www.ninepluswifi.com/view/Windows-Drivers.html Free winRAR link: https://www.win-rar.com/download.html?&L=0

Installation FAQ: https://www.ninepluswifi.com/list/FAQ.html

1. Insert the disk or download the driver , double click the driver , open the driver file, double click "Setup.exe" and operate installation procedures. (If you download driver from website, you need Extract the Files and double Click "Setup "or "Autorun" ). if not work, Support: onebigvip@qq.com (7x24)

2. Here is the step:



File Home Sh	are View I	Manage	f T New	item •	📧 Open 👻 🔠 S
to Quick Copy Past access	Copy path E Paste shortcut	Move Copy to to to to to	🐂 👘 Easy a	access • Properties	Edit 🕂 S
Clipbo	ard	Organize	New	O	pen
> -> 1 📑 ->	This PC > Download	ls > RTL_Driver_V1.3 >			
🖈 Ouick access	Name	^	Date modified	Туре	Size
	LINUX		2/19/2019 10:41 AM	File folder	
Desktop	MacOS		2/19/2019 10:41 AM	File folder	
🕂 Downloads 🛷 📑 WIFI Windo		WS	2/19/2019 10:43 AM	File folder	
Documents	🖈 🏾 👩 Last Drivers	Download	8/1/2014 2:42 PM	Internet Shortcut	1 KB
Pictures	Sctup.apm		7/12/2017 8:26 PM	APM File	1,220 KB
2052	Setup		7/12/2017 8:26 PM	Application	1,765 KB
h Music	Setup		7/12/2017 8:27 PM	Setup Information	1 KB
Videos	🗊 User Manua	I	5/29/2018 11:53 AM	PDF File	1,398 KB
📑 Win10X64	📑 windows Qu	uick Installation_Wireless USB	3/13/2018 4:49 PM	MP4 File	16,211 KB

#### 2. Then Click the Windows.



3. When prompted, click Yes or Allow to continue to start the installation routine.

REALTEK USB Wireless LAN Software $ imes$	REALTEK USB Wireless LAN Software
Setup Status Wireless LAN Software is configuring your new software installation.	InstallShield Wizard Complete The InstallShield Wizard has successfully installed REALTEK USB Wireless LAN Software. Click Finish to exit the wizard.
InstallShieldCancel	< Back Finish Cancel

4.Plug in your wireless USB adapter to an available USB port on your computer.

5. Join a wireless network, you can join a wireless network via Windows built-in wireless utility. Follow the instructions below to use your computer system's built-in wireless utility and **find your WiFi SSID (Nineplus is our office router name)** and Connect it. Then You can use your internet Now.



You can get more installation way and video on our website and FAQ and Online support.

# A3: Mac OS 10.6-10.15 Driver Installation(Email for more version)

For Bigsur :Here is the link https://github.com/chris1111/Wireless-USB-Big-Sur-Adapter/issues/160 Driver address: https://github.com/chris1111/Wireless-USB-Big-Sur-Adapter For MAC OS 10.06 to 10.15 https://www.ninepluswifi.com/MACOS1015.zip

Please download the proper driver version which ranges from Mac OS 10.06 to 10.154. If installation is not viable and no internet is found, please contact us at the earliest time. After the driver is downloaded, please install according to the following steps.

Step 1 Download installation file and store, double click the installation file and find out Installer,pkg.

1. Double click installer,pkg

• • •	rtl88x2BU_mac	:os_10.6-10.15		
< >			Q Search	
Favorites	Name	Date Modified	Size	Kind
AirDrop	installer.pkg	Jan 10, 2019 at 3:46 PM	6.5 MB	Installe
Recents	Release_RTWlanU_MacOSX.txt	Jan 10, 2019 at 3:44 PM	5 KB	Plain Te
_	🥪 Uninstall.pkg	Jan 10, 2019 at 3:44 PM	11 KB	Installe
ICloud Drive	Utility_Release.txt	Jan 10, 2019 at 3:44 PM	2 KB	Plain Te
Applications				
Desktop				
Documents				
O Downloads				
Devices				
Remote Disc				
□ NO NA ≜				
Tags				

#### 2. Click Continue button



3. Click Continue button



#### 4. Click Continue button

	🥪 Install Wireless USB Adapter Driver
	Important Information
Introduction	This is the Mac OS X driver for Wireless USB Adapter. If you have already installed an older version of software, please uninstall it first by executing "Uninstall.pkg". Then you can install this version of software
Read Me	successfully. Otherwise, this software can not be upgraded successfully. The system is required to reboot after the driver is installed, so please
License	close all the other applications before installing this software. After the
Destination Select	system boots up and you enter the system, please follow the following steps to configure the network:
Installation Type	<ol> <li>Select the "System Preference" from the system menu.</li> <li>Select and launch the "Network" item in the "System Preference"</li> </ol>
Installation	folder.
Summary	<ol> <li>From the "Configure" list, select the correct adapter and configure it.</li> <li>Configure the settings.</li> <li>Click the "Save" button.</li> <li>Then you can connect to the WLAN.</li> </ol>
	Print Save Go Back Continue

5. Click Continue button

• • •	🥪 Install Wireless USB Adapter Driver
	Software License Agreement
Introduction	English 🗘
<ul> <li>Read Me</li> <li>License</li> </ul>	Copyright (c) 2010. All rights reserved.
Destination Select	
Installation Type	
Installation	
<ul> <li>Summary</li> </ul>	
	Print Save Go Back Continue

6. Click Agree button

0		🥪 Install Wirel	ess USB Adapte	r Driver	
	To continue inst the software lice			agree to the terr	ns of
Inti	Click Agree to co	ntinue or click	Disagree to can	cel the installation	and
 Rea	quit the Installer.				
Lic					
De	Read License			Disagree 🤇	Agree
Ins				Diodg. Co	- Mg. CC
Instal	lation				
Sumn	nary				
		Print	Save	Go Bad	k Continue

7. Click Install button

• • •	🥪 Install Wireless USB Adapter Driver
	Standard Install on "Macintosh HD"
<ul> <li>Introduction</li> <li>Read Me</li> <li>License</li> <li>Destination Select</li> <li>Installation Type</li> <li>Installation</li> <li>Summary</li> </ul>	This will take 23.1 MB of space on your computer. Click Install to perform a standard installation of this software for all users of this computer. All users of this computer will be able to use this software.
	Go Back Install

8. Input your user name and password in the pop-up window, click Install Software button

•••	🥃 Install Wirel	less USB Adapter Driver	
<ul> <li>Introduction</li> <li>Read Me</li> <li>License</li> <li>Destination</li> <li>Installation</li> <li>Installation</li> <li>Summary</li> </ul>		rying to install new software. sword to allow this. Nineplus Cancel Install Software	are II be
		Go Back	Install

9. Click Continue Installation button



#### 10. Wait till installation is finished

	💝 Install Wireless USB Adapter Driver
<ul> <li>Introduction</li> <li>Read Me</li> <li>License</li> <li>Destination Select</li> <li>Installation Type</li> <li>Installation</li> <li>Summary</li> </ul>	Installing Wireless USB Adapter Driver  Registering updated components  Install time remaining: Less than a minute
	Go Back Continue

11. Click Restart button, restart system to finish finally installing the software.



Click network icon on the taskbar, choose your preferred wireless network name, input your password, connect to internet.



## **A4: Linux Driver Installation**

#### Linux driver link:

#### http://github.com/morrownr/88x2bu-20210702

Install network card driver(RTL8812BU Chipset) in Ubuntu/Mint/Kali (tested) system Open terminal window, copy the following commands one by one and paste them to the terminal window, press the backspace key. In the process, the system will remind you to input your system password. **Installing** the Driver(RTL8812BU Chipset) on Your System:

Open a terminal window. Copy & paste the following into the terminal window and hit Return. You may be prompted to enter your password.

• Ubuntu/Mint/Kali (tested)

sudo apt-get update

sudo apt-get -y install wget dkms

```
wget https://www.ninepluswifi.com/rtl88x2BU_WiFi_linux_v5.3.1_27678.20180430_COEX20200205-5960.tar.gz
```

tar -zxvf rtl88x2BU\_WiFi\_linux\_v5.3.1\_27678.20180430\_COEX20200205-5960.tar.gz

sudo dkms add ./rtl88x2BU\_WiFi\_linux\_v5.3.1\_27678.20180430\_COEX20200205-5960

sudo dkms install -m rtl88x2bu -v 5.3.1

sudo modprobe 88x2bu

sudo reboot

Nineplus@Nineplus : ~ 🛛 🔍 🔍 🔍
File Edit View Search Terminal Help
neplus@Nineplus:~\$ sudo dkms install -m rtl88x2bu -v 5.3.1
Kernel preparation unnecessary for this kernel. Skipping
Building module: cleaning build area make -j8 KERNELRELEASE=5.0.0-23-generic KVER=5.0.0-23-generic src=/usr/src/rtl88 x2bu-5.3.1 cleaning build area
DKMS: build completed.
88x2bu.ko: Running module version sanity check. - Original module
- No original module exists within this kernel
<ul> <li>Installation</li> <li>Installing to /lib/modules/5.0.0-23-generic/updates/dkms/</li> </ul>
depmod
DKMS: install completed. fastoe@fastoe:~\$ sudo modprobe 88x2bu fastoe@fastoe:~\$ sudo reboot

### Visible Networks

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## openSUSE Leap 15.1/Debian 10 (tested)

wget https://www.ninepluswifi.com/rtl88x2BU_WiFi_linux_v5.3.1_27678.20180430_COEX20200205-5960.tar.gz
tar -zxvf rtl88x2BU_WiFi_linux_v5.3.1_27678.20180430_COEX20200205-5960.tar.gz
cd RTL8812BU\rtl88x2BU_WiFi_linux_v5.3.1_27678.20180430_COEX20200205-5960
make
sudo make install

sudo reboot

```
nineplus@nineplus :~/rtl88x2BU
                                                                                 ×
File Edit View Search Terminal Help
  CC [M] /home/fastoe/rtl88x2BU/core/rtw_mp.o
In file included from /home/nineplus/rtl88x2BU/include/drv_types.h:30:0,
                 from /home/nineplus/rtl88x2BU/core/rtw_mp.c:16:
/home/fastoe/rtl88x2BU/include/wifi.h:1032:0: warning: "IEEE80211_MAX_AMPDU_BUF"
 redefined
 #define IEEE80211_MAX_AMPDU_BUF 0x40
In file included from /home/nineplus/rtl88x2BU/include/osdep_service_linux.h:83:0,
                 from /home/nineplus/rtl88x2BU/include/osdep_service.h:50,
                 from /home/nineplus/rtl88x2BU/include/drv_types.h:27,
                 from /home/nineplus/rtl88x2BU/core/rtw_mp.c:16:
/usr/src/linux-4.12.14-lp151.28.36/include/linux/ieee80211.h:1442:0: note: this
is the location of the previous definition
 #define IEEE80211_MAX_AMPDU_BUF 0x100
  LD [M] /home/nineplus/rtl88x2BU/88x2bu.o
  Building modules, stage 2.
/bin/sh: bc: command not found
  MODPOST 1 modules
          /home/nineplus/rtl88x2BU/88x2bu.mod.o
  CC
  LD [M] /home/nineplus/rtl88x2BU/88x2bu.ko
make[1]: Leaving directory '/usr/src/linux-4.12.14-lp151.28.36-obj/x86_64/defaul
t'
fastoe@fastoe:~/rtl88x2BU> sudo make install
```

USB3.0 802.11ac 1200M Adapter

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#### Visible Networks

360WiFi_5G 🖌	چ 🔒 چ
TP-LINK.5G	<b>≞</b> ?
cptap2	<b>≗</b> ?
fastoe	<b>≗</b> ?
cptap_5G	<b>≞</b> ?
cptap	<b>₽</b> ?
TP-LINK_A253	₽ 후
360WiFi-6538C1	<b>≞</b>

#### For setting monitor mode (tested)

vi ./Makefile

72 "CONFIG\_80211W = n" -> "CONFIG\_80211W = y"

```
76 "CONFIG_WIFI_MONITOR = n" -> "CONFIG_WIFI_MONITOR = y"
```

make

sudo make install

sudo ifconfig wlx1cbfcea97791 down

sudo iwconfig wlx1cbfcea97791 mode monitor

sudo ifconfig wlx1cbfcea97791 up

	Nineplus@Nineplus : ~	
File Edit	View Search Terminal Help	
	Nineplus :~\$ iwconfig 207791 IEE 802.11b ESSID:"" Nickname:" <wifi@realtek>" Mode:Monitor Frequency:2.412 GHz Access Point: Not-Associated Sensitivity:0/0 Retry:off RTS thr:off Fragment thr:off Power Management:off Link Quality=0/100 Signal level=-100 dBm Noise level=0 dBm Rx invalid nwid:0 Rx invalid crypt:0 Rx invalid frag:0 Tx excessive retries:0 Invalid misc:0 Missed beacon:0</wifi@realtek>	
lo	no wireless extensions.	
enp0s25	no wireless extensions.	
wlp3s0	IEEE 802.11 ESSID:"cptap2_5G" Mode:Managed Frequency:5.18 GHz Access Point: 76:7D:24:71:09:1 Bit Rate=135 Mb/s Tx-Power=15 dBm Retry short limit:7 RTS thr:off Fragment thr:off Power Management:on Link Quality=70/70 Signal level=-24 dBm Rx invalid nwid:0 Rx invalid crypt:0 Rx invalid frag:0 Tx excessive retries:0 Invalid misc:74 Missed beacon:0	c
Nineplus@I	Nineplus :~\$	

Raspbian (Raspberry Pi)

Currently tested with Linux kernel 4.19.97-v7+ on Raspberry Pi 3 Model B+ only.

sudo apt-get install raspberrypi-kernel-headers

git clone https://github.com/fastoe/RTL8812BU\_for\_Raspbian

cd RTL8812BU\_for\_Raspbian

make

sudo make install

sudo reboot

