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:



🖁 l 🛃 📕 = l		4	Application Too	ols RT	L_Driver_V1.3						
File Home	Share	View	Manage								
Pin to Quick Copy access	Paste	✓ Cut Image: Copy path Image: Paste short	Move to •	Copy to •	Delete Rena	me New folde	r New P Rew	item ▼ access ▼	Properties	■ Open ▼ Define Edit History	Sele Sele Inve
	. ть	is DC + Devue	lands > DTI	Driver V	1.2 .				- P		
	<u> </u>	IISPC > DOWN		_Driver_v	1.5 >						~
 ✓ Quick access Desktop ✓ Downloads ☑ Documents ☑ Pictures 	* * * *	Name LINUX MacOS NIFI Wii Last Driv Sctup, ar	ndows vers Download	4		Date mod 2/19/2019 2/19/2019 2/19/2019 8/1/2014 7/12/2017	10:41 AM 10:41 AM 10:43 AM 10:43 AM 2:42 PM 7 8:26 PM	Type File fold File fold Interne APM Fi	der der der t Shortcut ile	Size 1 1,220	KB
2052		Setup)			7/12/2017	8:26 PM	Applica	ation	1,765	KB
Music		Setup				7/12/2017	8:27 PM	Setup I	nformation	1	KB
Videos		📑 User Ma	inual			5/29/2018	11:53 AM	PDF Fil	e	1,398	KB
Win10X64		🖻 window	s Quick Install	lation_W	ireless USB	3/13/2018	4:49 PM	MP4 Fi	le	16,211	KB
Desktop											

2. Then Click the Windows.



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

REALTEK USB Wireless LAN Software	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_RTWIanU_MacOSX.txt	Jan 10, 2019 at 3:44 PM	5 KB	Plain Tex
	🥪 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 Tex
Applications				
Desktop				
Documents				
O Downloads				
Devices				
Remote Disc				
□ NO NA ≜				
Tags				

2. Click Continue button



3. Click Continue button



4. Click Continue button

	Important Information
 Introduction Read Me License Destination Select Installation Type Installation Summary 	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 successfully. Otherwise, this software can not be upgraded successfully. The system is required to reboot after the driver is installed, so please close all the other applications before installing this software. After the system boots up and you enter the system, please follow the following steps to configure the network: 1. Select the "System Preference" from the system menu. 2. Select and launch the "Network" item in the "System Preference" folder. 3. From the "Configure" list, select the correct adapter and configure it. 4. Configure the settings.
	Print Save Go Back Continue

5. Click Continue button

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

6. Click Agree button

	0		🥪 Install Wirel	ess USB Adapte	r Driver	
		To continue inst the software lice	alling the soft ense agreeme	ware you must nt.	agree to the terr	ns of
0	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"
 Introduction Read Me License Destination Select Installation Type Installation Summary 	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	
 Introduction Read Me License Destination Installation Installation Summary 	Installer is t Enter your pas User Name: Password:	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
 Introduction Read Me License Destination Select Installation Type Installation Summary 	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	1.13.00
make -j8 KERNELRELEASE=5.0.0-23-generic KVER=5.0.0-23-generic src=/usr/src x2bu=5 3 1	c/rtl88
cleaning build area	
DKMS: build completed.	
88x2bu.ko: Running module version sanity check.	
- Original module	
- No original module exists within this kernel	
- Installing to /lib/modules/5.0.0-23-generic/updates/dkms/	
depmod	
DKMS: install completed. fastoe@fastoe:~\$ sudo modprobe 88x2bu fastoe@fastoe:~\$ sudo reboot	

Visible Networks

TP-LINK2_5G	چ 🔒 🤶
360WiFi_5G 🖌	چ 🔒 🤶
	₽ Ş
Fmaily_nG*goz	* 4 ?
K-Y	چ 🔒 🤹
360WiFi-6538C1	* 4 ?
TP-LINK_A253	₽ ?
360WiFi	₽ ?

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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		~

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Visible Networks

360WiFi_5G 🖌	¢ 4 ?
TP-LINK_5G	£ ?
cptap2	£ ?
fastoe	£ ?
cptap_5G	£ ?
cptap	₽ ?
TP-LINK_A253	₽ 후
360WiFi-6538C1	≙

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@ wlx1cbfce	Nineplus :~\$ iwconfig 207791 IEE 802.11b ESSID:"" Nickname:" <wifi@realtek>" Mode:Monitor Frequency:2.412 GHz Access Point: Not-Associated Sencitivity: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

