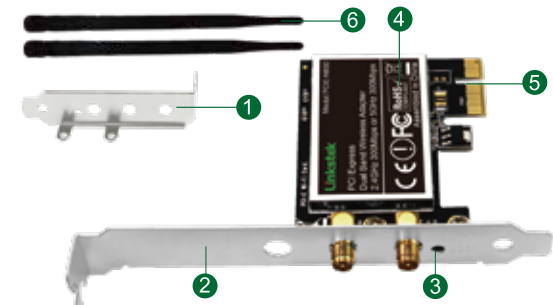


Dual Band PCIE WiFi Adapter

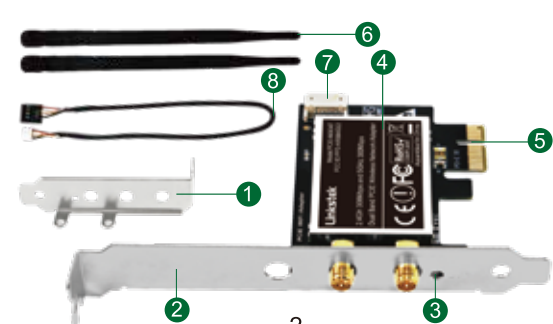
Model : PCIE-N600 PCIE-N600AT
Site:www.linkstek.com Support:support@linkstek.com

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PCIE-N600 802.11N Dual Band 600Mbps (2.4GHz 300Mbps and 5GHz 300Mbps) PCIE WiFi Adapter



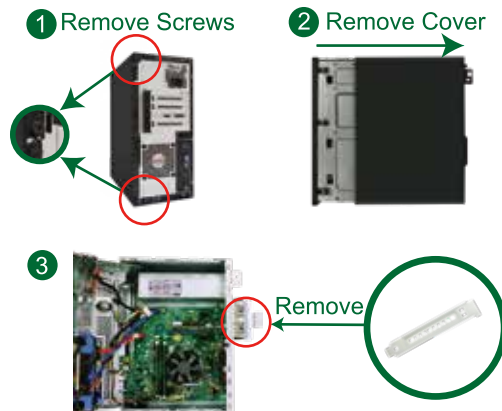
PCIE-N600AT 802.11N Dual Band 600Mbps PCIE WiFi Network Card 2.4GHz 300Mbps and 5GHz 300Mbps.



-2-

Install PCIE WiFi Card Hardware on PCs:

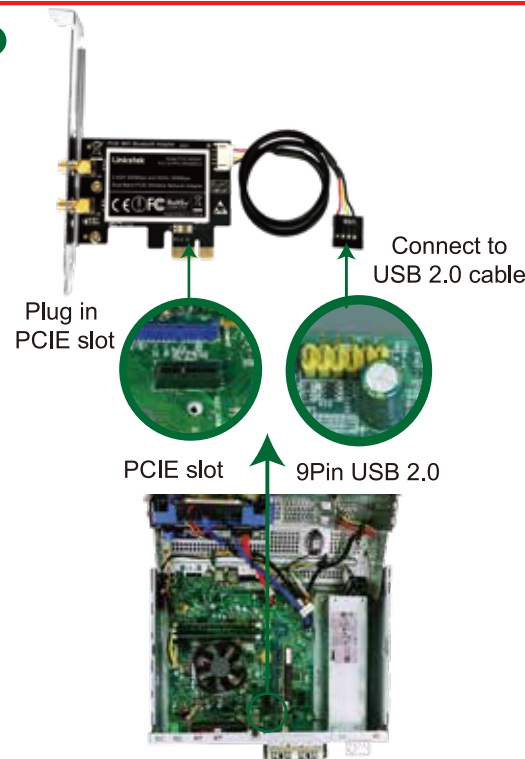
Step 1.Switch OFF, unplug computer from main socket, unplug power-cord and other connected peripheral devices. Remove PC case cover.



Step 2.Find correct PCI express slot, insert this PCIE WiFi card into an empty PCI-E slot on mother board (Model: PCIE-N600 and PCIE-N600AT). Find USB 2.0 9Pin interface, plug in the USB 2.0 cable(Model: PCIE-N600AT). NOTE: Slim PCs need change to low profile bracket.

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4



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- 1.Low profile bracket
- 2.Full height bracket
- 3.Activity indicator
- 4.Shield cover
- 5.PCI Express interface
- 6.2X WiFi antenna
- 7.USB 2.0 connector
- 8.USB 2.0 cable

PCIE-N600 Features:

- 1.Add 802.11N wireless dual band 600Mbps WiFi card on desktop computers by PCI Express 2.0 X1 interface.
- 2.Select Qualcomm Atheros AR946X network solution, provide reliable and solid wireless network connectivity.
- 3.Support 2X2 MIMO technology, allow PCs to pick up wireless network at 2.4GHz and 5GHz 300Mbps.
- 4.Fully compliant with 64/128WEP,WPA,WPA2,WPA-PSK,WPA2-PSK(TKIP/AES) wireless network encryption.
- 5.PCIE X1 design works on PCIE X1,X2,X4,X8,X16 slot.
- 6.Seamless connect to IEEE 802.11a/b/g/n/ac/ax router.

PCIE-N600AT Features:

- 1.Add 802.11N wireless dual band 600Mbps WiFi card and WiFi stereo adapter on desktop PCs.
- 2.Select Qualcomm Atheros AR946X network solution, provide reliable and solid wireless connectivity.
- 3.Support 2X2 MIMO technology, allow PCs to pick up WiFi network at 2.4GHz and 5GHz 300Mbps.
- 4.Fully compliant with 64/128WEP,WPA,WPA2,WPA-PSK,WPA2-PSK(TKIP/AES) wireless network encryption.

Step 3.Screw the antennas directly to wireless network card. If needed, the antennas can be adjusted and face to wireless AP's direction. It will improve the wireless network reception. Then reattach the PCs cover, put back all connected devices and turn on computer.

- 5.Screw on the WiFi Antenna



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- 5.PCIE X1 design works on PCIE X1,X2,X4,X8,X16 slot.
- 6.Seamless connect to IEEE 802.11a/b/g/n/ac/ax router.
- 7.The WiFi stereo adapter for WiFi stereo devices include WiFi headset,speaker,soundbar etc.

Package List:

PCIE-N600

- | | |
|------------------------|-----------------|
| 1X PCIE-N600 | 2X WiFi antenna |
| 1X Low profile bracket | 1X Mount screw |
| 1X User manual | |

PCIE-N600AT

- | | |
|------------------------|------------------|
| 1X PCIE-N600AT | 2X WiFi antenna |
| 1X Low profile bracket | 1X USB 2.0 cable |
| 1X Mount screw | 1X User manual |

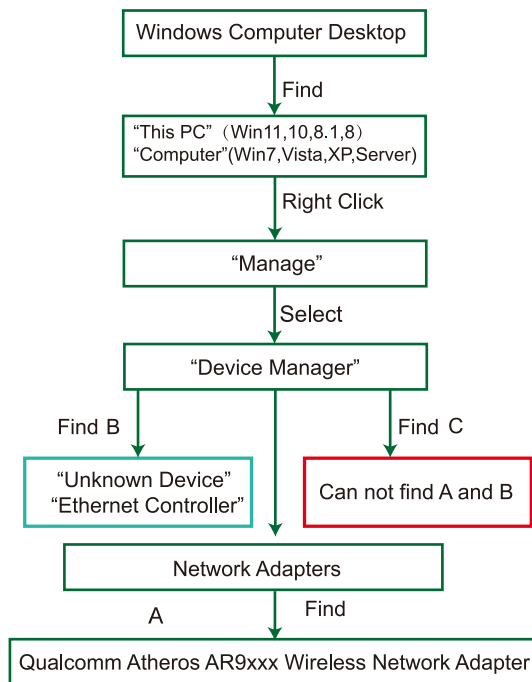
Compatible System:

- 1.Plug and Play on Windows 11,10,8.1,8 and Windows Server 2012,2012R2,2016,2019,2022(32/64bit).
- 2.Need to install driver on Windows XP,7 and Windows Server 2003,2003R2,2008,2008R2(32/64bit).
- 3.Most of main stream Linux system support plug and play, the driver for Linux is "ATH9K".

If PCs can not load driver automatically, please visit our site www.linkstek.com to download driver. Or contact us at support@linkstek.com

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Check if PCs Detected WiFi Card:



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Check if WiFi Card Works Correctly:

A.Can find "Qualcomm Atheros AR9xxx Wireless Network Adapter" in "Windows Device Manager-Network Adapters" Means users can use wireless network now. Windows11,10,8.1,8,Server 2012,2012R2,2016,2019,2022 32/64bit system.

B.Can't find "Qualcomm Atheros AR9xxx Wireless Network Adapter", but PC can find a "Ethernet Controller" (Unknown Device) in "Windows Device Manager-Other Device". Means users have assembled this card on PCs correctly. And PC have detected hardware, need to install drivers. Please install drivers on Windows 7,XP,Server 2008, 2008R2,2003,2003R2.

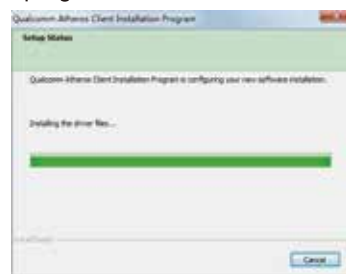
C. Can't find A and B, means user did not put on this wifi card well on PC. Or this PCIE slot is not active. We suggest user change to another PCIE slot and plug it again. Or just remove and re-plug it back.

Download Driver for User's Systems:

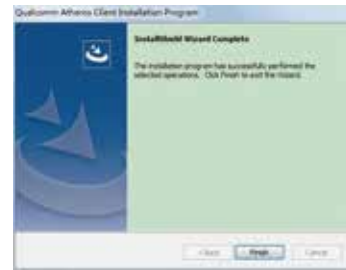
- 1.Visit our site: www.linkstek.com to download driver.
- 2.Windows 11,10,8.1,8 32/64bit and Windows Server 2022,2019,2016,2012R2,2012 32/64bit actually no need to install any driver.
- 3.Windows 7,XP 32/64bit and Windows Server 2008, 2008R2,2003,2003R2 32/64bit need to install driver.

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6.Waiting for program installation.



7.Click "Finish", and use this card now.



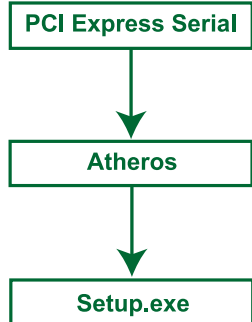
Step 3.Connect to internet:

- 1.Locate the task bar in the bottom right corner of PC.
- 2.Select the wireless icon as below on each system.

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Install Driver:

Step 1.Follow steps as below, open the driver pack from www.linkstek.com. Both PCIE-N600 and PCIE-N600AT share the same drivers.



Step 2.Double right-click the driver and run installation.

- 1.Double right-click

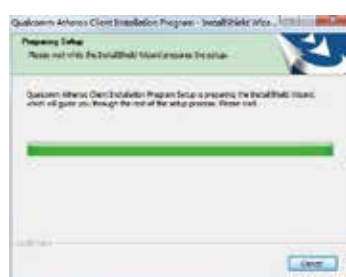


-10-

2.Select language.



3.Waiting for preparation files ready.



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4.Click"Next".



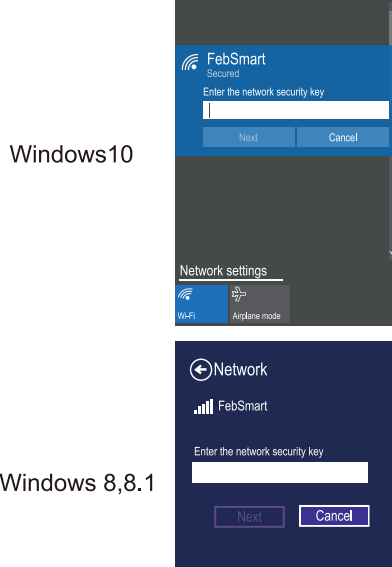
5.Accept the license.



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Windows10 Windows 8,8.1 Windows 7

3.Select the Wi-Fi signal, fill correct password and connect to it. Afterward enjoy fast internet.



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Windows 7



Step 4.Connect to WiFi audio device.

- 1.Locate the task bar in the bottom right corner of PC's desktop.
- 2.Click WiFi audio icon. And follow windows reminder, connect it to the WiFi audio device.

User FAQs

1.Why can't this card find 5G signal on desktop PC?

PCs find 5GHz signal but can't connect: 1.Connect to 2.4G first, make sure it is connected. 2. Find your 5G signal and connect, it will work most of time. PCs cannot find my 5G signal but 2.4G works: 1.Connect 2.4G signal first. 2. Restart PC or re-plug this Wireless card. Or in Device Manager-Remove this card and install driver again for it. Then PCs will find 5GHz and will allow PCs connect.

2.Why does my PC always get poor signal or drop connection?

A.Test Wi-Fi signal in PC area (same spot, same height), use cell

-phone to check if PC was placed in a Wi-Fi dead zone, if yes, please change location for PCs.
B.If the distance is a little far, PCs will get poor signal or only 2.4G signal. To improve this, please consider changing the PCs or wireless AP's location. Or you can buy a more power Wi-Fi antenna for it.

3. Why does my PC find 2.4G signal only?

PCs was placed too far away from router. 5GHz band will support higher data speed, but with narrower coverage. Wireless AP or Router signal may not reach PCs location. Consider decreasing the distance between Router and PCs.

4. I am a Linux user, where can I get source code?

Open the mini CD in the package, find ATH9K links and get source code online. Or download ATH9K driver from our site.

5. Windows 11,10, 8.1, 8 system cannot load this card driver, how to fix this ?

- 1.Confirm that the WiFi card was sit on the PCIE slot well.
- 2.Make sure windows update is enabled. 3.Install driver by hand.
6. My PCs find few signals only, can not match expectation, how to fix this?

Remove Wi-Fi card from PCs and install it again. At the same time, screw Wi-Fi antenna and make sure it is screwed correctly. Most of time it is Wi-Fi antenna that wasn't screwed properly.

7. There is a PCIE X16 port only, does it work on this ?

Absolutely YES, Works on PCIE X1,X2,X4,X8,X16 slot

8. Where can I find support from LinkTek ?

Driver Download: www.linkstek.com

Tech-Support: support@linkstek.com

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