User Guide

BE6200 Wi-Fi 7 High Gain Wireless USB Adapter
Archer TBE401UH

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About This Guide

This guide is a complement to Quick Installation Guide. The Quick Installation Guide instructs you on quick installation, and this guide provides the product overview and detailed instructions for each steps.

When using this guide, please notice that features available of the adapter may vary by model and software version. It may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual experience.

Conventions

In this guide, the following conventions are used:

Convention	Description
Underlined	Underlined words or phrases are hyperlinks. You can click to redirect to a website or a specific section.
Teal	Contents to be emphasized and texts on the web page are in teal, including the menus, items, buttons, etc.
Note:	Ignoring this type of note might result in a malfunction or damage to the device.
Tips:	Indicates important information that helps you make better use of your device.

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, AP limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and AP location.
‡Use of Wi-Fi 7 (802.11be), Wi-Fi 6/6E (802.11ax), and other features, including 4096-QAM, Multi-RUs, OFDMA, and MU-MIMO, requires the AP and PC OS to also support the corresponding features. Please try to update the device's driver for feature compatibility.
§The adapter supports 6 GHz on Windows 10 21H2 and later versions, though functionality and performance may be limited.
△Use of WPA3 requires APs to also support the corresponding feature.
*802.11be 4096-QAM enables maximum theoretical data rates, which are 1.2× faster than 802.11ax 1024-QAM as per IEEE 802.11 specifications. This requires the use of compatible 802.11be routers.
**Actual network speed may be limited by the rate of the product's USB port, PCI Express Interface, Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.

More Info

- The latest driver can be found at Download Center at https://www.tp-link.com/support.
- The Quick Installation Guide can be found where you find this guide or inside the package of the router.
- Specifications can be found on the product page at https://www.tp-link.com.

- A TP-Link Community is provided for you to discuss our products at https://community.tp-link.com.
- Our Technical Support contact information can be found at the Contact Technical Support page at https://www.tp-link.com/support.

Chapter 1

Get to Know About Your Adapter

This chapter introduces what the adapter can do and shows its appearance.

This chapter contains the following sections:

- Product Overview
- LED Status

1. 1. Product Overview

Wi-Fi 7 offers the forefront of technology to maximize the 6 GHz band. With 4096-QAM, the adapter delivers peak rates 1.2× faster than Wi-Fi 6/6E adapters, ensuring a seamless network experience. ‡*

Two bifurcated high-gain antennas and a detachable cradle with a 1.2-meter cable combine with beamforming technology to concentrate Wi-Fi signals toward your router for enhanced reception and reliable connections from a distance.

•Ultra-Low Latency – The revolutionary combo of OFDMA and MU-MIMO ensures the most efficient Wi-Fi connection for your PC, reducing latency for faster speeds.‡

• Tri-Band Wireless – 2.4 GHz, 5 GHz and 6 GHz bands for flexible connectivity.

• Supports WEP, WPA/WPA2/WPA3, WPA-PSK/ WPA2-PSK*.

• Supports Windows 10(32-bit), Windows 10/11(64-bit)*.

1. 2. LED Status

You can check the adapter's working status by following the LED explanation table.

Status	Indication
On	The driver has been installed successfully.

Status	Indication
Off	The driver is not installed. The adapter is not detected.

Tips:
If the LED is off, try these troubleshooting tips:

1. Check if the adapter is recognized and enabled or not. Refer to Appendix: Troubleshooting for detailed instructions.
2. Remove and reinsert the adapter.
3. Reinstall the driver, if necessary.

Chapter 2

Connect to a Computer

This chapter introduces how to connect the adapter to your computer.

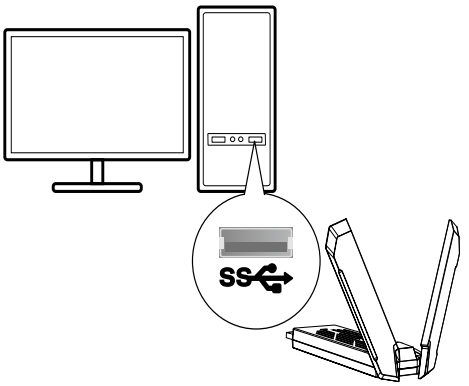
Before You Start:

- Make sure your Router or Access Point supports the Wi-Fi 7 standard.
- It is recommended to use the adapter on Windows 11 (64-bit) or above.

Note:

It is recommended to connect the adapter to a USB 3.0 (SS) port.

Option 1: Insert the adapter into a USB port on your computer directly.

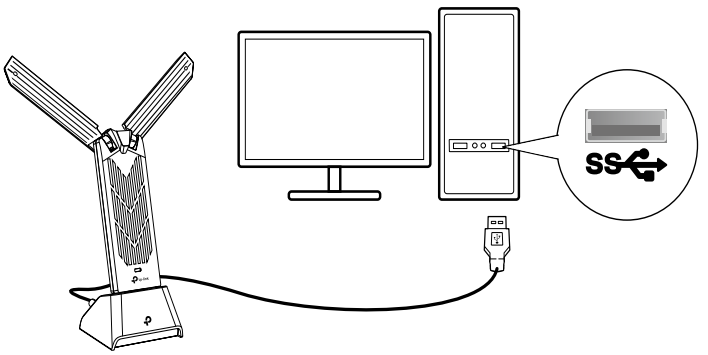


* The image is for demonstration only.

Option 2: Via the USB Extension Cable

Note:

For optimal performance, it is recommended to use the provided USB extension cable.



* The image is for demonstration only.

Chapter 3

Use the Adapter

This chapter introduces how to install your adapter's driver, use your adapter to join a wireless network, and uninstall your adapter in a Windows system. The adapter is equipped with a Setup Wizard, which can guide you through the installation process.

This chapter includes the following sections:

- Install Driver
- Join a Wireless Network
- Uninstall Driver

3. 1. Install Driver

1. Go to My Computer or This PC.
2. Double click the CD Drive then run SetupInstall.exe to install the driver.

Note:

1. If you cannot find the setup program, please download the driver at www.tp-link.com/support.
2. If an unknown publisher message pops up, select Yes to continue.
3. If Windows User Account Control requires admin credentials, type user name and password of your Windows administrator account. .

3. 2. 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:

Click the Network icon on the taskbar (the icon might look like one of these: , , , or). Select the Wi-Fi network you want to join, and click Connect. Enter the network password when prompted.

3. 3. Uninstall Driver

The software uninstallation steps vary a bit from different systems. Here we take the instructions for Windows 10 as an example.

Go to Contol Pannel > Programs, click Uninstall a program, then double-click TP-Link Archer TBE401UH Driver, then follow the on-screen instructions to complete the uninstallation.

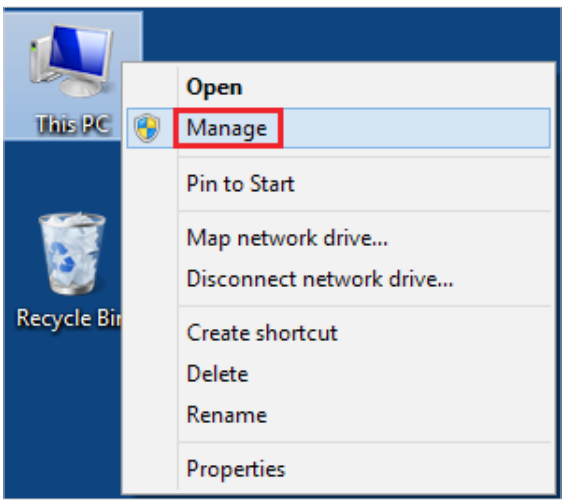
Appendix: Troubleshooting

T1. What should I do if the adapter is not detected?

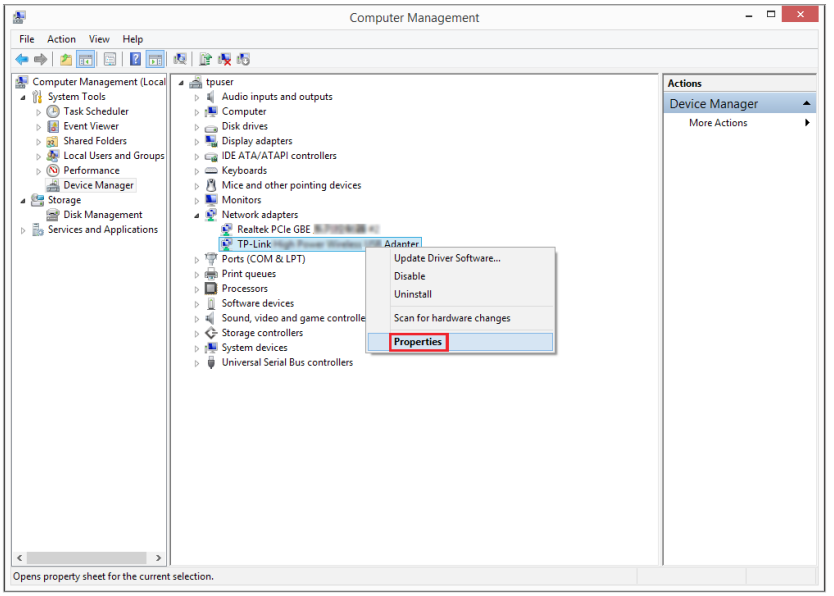
- Make sure the adapter is securely connected to the computer.
- Make sure you meet the minimum system requirements for the adapter and that the latest Windows and system updates are installed on your computer.
- Make sure you use the latest driver for your specific adapter. The latest drivers can be found at https://www.tp-link.com/download-center.
- Try a different USB port on the computer.
- Try restarting the computer or try using the adapter on a different computer.

T2. How to check if I have installed the driver for my adapter successfully or not?

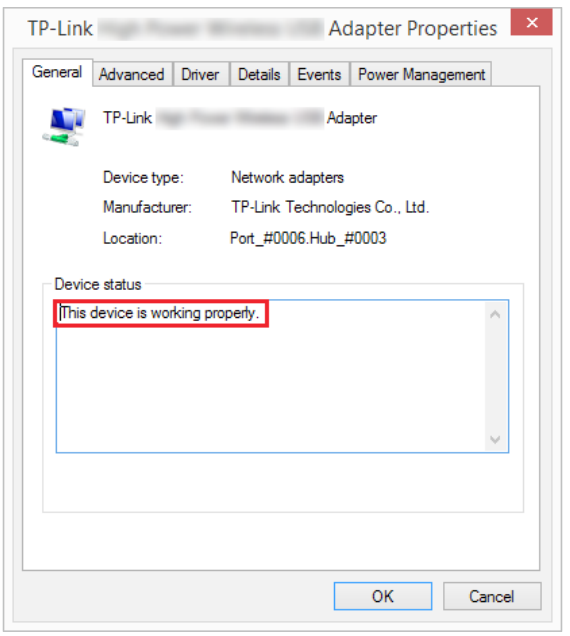
1. On your computer, please right click Computer icon and go to Manage;



2. Open the Device Manager and go to Network adapters, and then find the corresponding TP-Link adapter, right click it and then go to Properties;



3. If you can see “This device is working properly.” in the red box, you have already installed the driver successfully.



T3. What should I do if can’t connect to the Wi-Fi after installing the driver?

- Refer to T2 to check if you have installed the driver for your adapter successfully .
- Make sure the adapter is securely connected to the computer.
- Disable the antivirus software and firewall, then try again.
- Try a different USB port on the computer.
- Restart your computer and try again.

- Re-install the driver and try again.

T4. How to find the hardware version of the adapter?

- The hardware version is printed on the product label on the package or the adapter. There is a character string “Ver:X.Y” (for example, Ver:2.0) in the Serial Number field, and the number X is the hardware version of the adapter.

- Visit https://www.tp-link.com/faq-46.html and follow the second method to find the hardware version of the adapter.

T5. How do I update my operating system?

- Refer to the official website to download Win 11:
  https://www.microsoft.com/software-download/windows11/

For more detailed instructions:

- Can’t find the hardware version of the adapter: https://www.tp-link.com/faq-46.html
- Can’t find or join the wireless networks: https://www.tp-link.com/faq-2253.html
- Can’t install the driver: https://www.tp-link.com/faq-2252.html

FCC compliance information statement

Product Name: BE6200 Wi-Fi 7 High Gain Wireless USB Adapter

Model Number: Archer TBE401UH

Responsible party:

TP-Link Systems Inc.

Address: 10 Mauchly, Irvine, CA 92618

Website: https://www.tp-link.com/us/

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference.

2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment has been SAR-evaluated for use in hand. SAR measurements are based on a 5mm spacing from the body and that compliance is achieved at that distance.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

We, **TP-Link Systems Inc.**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 25/03/28

CE Mark Warning

CE

OPERATING FREQUENCY(the maximum transmitted power)

2400MHz-2483.5MHz(20dBm)

5150MHz-5250MHz(23dBm)

5250MHz-5350MHz(23dBm)

5470MHz-5725MHz(23dBm)

5945MHz-6425MHz(23dBm)

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011 /65/EU and (EU) 2015/863.

The original EU declaration of conformity may be found at https://www.tp-link.com/en/support/ce/

UK declaration of conformity

UK CA

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at https://www.tp-link.com/support/ukca/

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

This device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2. SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Carry this device at

least 0.5 cm away from your body to ensure exposure levels remain at or below the as-tested levels.

Frequency band: 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted.

Frequency band: 5470 - 5725 MHz:

Installations and use in road vehicles, trains and aircraft and use for unmanned aircraft systems (UAS) are not permitted.

Frequency band: 5945-6425MHz:

Restricted to indoor use, including in trains with metal-coated windows and aircraft. Outdoor use, including in road vehicles, is not permitted.

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK(NI)

	UK

Attention: This device may only be used indoors in Great Britain.

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) L'appareil ne doit pas produire de brouillage;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

DFS (Dynamic Frequency Selection) products that operate in the bands 5250-5350 MHz, 5470-5600MHz, and 5650-5725MHz.

Avertissement: Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

Devices shall not be used for control of or communications with unmanned aircraft systems.

Les appareils ne doivent pas être utilisés pour le contrôle ou la communication avec des systèmes d'aéronefs sans pilote.

Radiation Exposure Statement:

This EUT is compliance with SAR for general population/uncontrolled exposure limits in RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Déclaration d'exposition aux radiations :

Cet adaptateur est conforme au SAR pour la population générale/limites d'exposition non contrôlées dans RSS-102 et a été testé conformément aux méthodes et procédures de mesure spécifiées dans IEEE 1528 et CEI 62209. Cet équipement doit être installé et utilisé avec une distance minimale de 5 mm entre le radiateur et votre corps. Cet appareil et ses antennes ne doivent pas

être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Industry Canada Statement

CAN ICES-003 (B)/NMB-003(B)

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.

MIC Notice:

この製品は屋内においてのみ使用可能です

NCC Notice

注意!

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

設備名稱：BE6200 Wi-Fi 7 High Gain Wireless USB Adapter Equipment name				型號（型式）：Archer TBE401UH Type designation (Type)		
產品元件名稱	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr^{+6}	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
天線	○	○	○	○	○	○
外殼	○	○	○	○	○	○
其他及其配件	—	○	○	○	○	○

備考1.“超出0.1wt%”及“超出0.01wt%”系指限用物質之百分比含量超出百分比含量基準值。

備考2.“○”系指該項限用物質之百分比含量未超出百分比含量基準值。

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

EAC

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other

implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

Operating Temperature: 0°C~40°C (32°F~104°F)

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Explanation of the symbols on the product label

Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	Direct current
	Polarity of d.c. power connector
	For indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis

	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini-gap construction
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)