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## EDUP EP-AX1673

# EDUP AX3000M USB 3.0 WiFi 6E Adapter Instruction Manual

Model: EP-AX1673 | Brand: EDUP

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EDUP AX3000M USB 3.0 WiFi 6E Adapter. This device is designed to provide high-speed wireless connectivity for your desktop PC or laptop, utilizing the latest WiFi 6E technology across three frequency bands.



Image 1.1: The EDUP AX3000M USB 3.0 WiFi 6E Adapter, illustrating its key features including 3000Mbps speed, tri-band support (2.4GHz, 5GHz, 6GHz), WiFi Hotspot (AP Function), WiFi network acceptance, WiFi 6E (802.11AX) standard, and USB 3.0 connectivity.

## 2. PRODUCT FEATURES

- **Fast WiFi 6E Connectivity:** Supports AX3000M transmission across 6GHz, 5GHz, and 2.4GHz bands for stable, lag-free wireless networking.
- **Powerful Signal Coverage:** Equipped with dual 5dBi antennas for enhanced signal range and stability.
- **USB 3.0 Hi-Speed Transfer:** Offers data transfer speeds up to 10 times faster than traditional USB 2.0.
- **Wide Compatibility:** Compatible with desktop PCs and laptops running Windows 10 (64-bit) and Windows 11 (64-bit). Supports 802.11ax/ac/a/b/g/n devices.
- **Tri-Band Operation:** Operates on 5GHz and 2.4GHz bands in Windows 10. For Windows 11, it can also utilize the 6GHz band if your router supports it.
- **Advanced WPA3 Security:** Provides enhanced encryption and protection against network attacks.

## 3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x EDUP USB WiFi 6E Adapter (Model EP-AX1673)
- 1 x U Disk (containing drivers)

## 4. SETUP

### 4.1. System Requirements

- Operating System: Windows 10 (64-bit) or Windows 11 (64-bit)
- Available USB 3.0 port (for optimal performance)
- Compatible WiFi router (WiFi 6E router required for 6GHz band on Windows 11)



Image 4.1: The EDUP WiFi 6E Adapter demonstrating system compatibility with Windows 10 and Windows 11 operating systems, shown connected to both a desktop computer and a laptop.

### 4.2. Driver Installation

The driver must be installed before using the WiFi adapter. You can install the driver from the included U disk or download it from the official EDUP website.

1. **From U Disk:** Insert the provided U disk into an available USB port on your computer. Locate the driver setup file (e.g., setup.exe) and run it. Follow the on-screen instructions to complete the installation. You may need decompression software to extract the driver files.
2. **Online Download:** If you do not have a U disk reader or prefer to download the latest driver, visit [szedup.com/DownloadCenter](https://www.szedup.com/DownloadCenter). Navigate to the "Wi-Fi Adapter" section and download the driver corresponding to your model (EP-AX1673) and operating system (Windows 10/11). After downloading, extract the files using decompression software and run the setup executable.

**Important:** Ensure you have decompression software installed (e.g., WinRAR, 7-Zip) to extract the driver files if they are in a compressed format.

Video 4.1: This video demonstrates the process of connecting the EDUP AX3000M USB 3.0 WiFi 6E Adapter to a computer and installing the necessary drivers by downloading them from the official EDUP website.

### 4.3. Hardware Connection

After installing the drivers, connect the EDUP AX3000M USB 3.0 WiFi 6E Adapter to an available USB 3.0 port on your desktop PC or laptop. A USB 3.0 port is typically blue internally. For optimal performance and stability, always use a powered USB 3.0 port.



Image 4.2: A close-up view of the EDUP WiFi 6E Adapter, highlighting its USB 3.0 connector, which provides up to 10 times faster data transfer speeds compared to USB 2.0.

## 5. OPERATING INSTRUCTIONS

### 5.1. Connecting to a WiFi Network

Once the adapter is installed and connected, your computer should recognize it as a wireless network adapter. Follow these steps to connect to a WiFi network:

1. Click on the network icon in your system tray (usually in the bottom-right corner of your screen).
2. A list of available WiFi networks will appear. Select your desired network.
3. Click "Connect" and enter the network security key (password) if prompted.
4. Your computer should now be connected to the WiFi network.



Image 5.1: This image depicts a user engaged in online gaming, showcasing the high-speed capabilities of the WiFi 6E 3000Mbps connection across its tri-bands: 6GHz, 5GHz, and 2.4GHz, each capable of up to 1200Mbps.

### 5.2. Using as a WiFi Hotspot (AP Function)

The EDUP AX3000M adapter supports Access Point (AP) functionality, allowing your computer to act as a WiFi hotspot. This feature requires specific software or operating system settings. Refer to your operating

**WiFi 6** Better Performance With WiFi 6 Router  
Build a complete wifi 6 system

WiFi 6 router      AX1673 WiFi adapter      Receiving end

**Normal performance**  
WiFi 6 router >>>>>>> Previous Gen wifi adapter      50%

**Full performance**  
WiFi 6 router >>>>>>> AX1673 wifi adapter      100%

Image 5.2: A diagram illustrating the performance benefits of pairing the AX1673 WiFi adapter with a WiFi 6 router, showing a significant improvement from 50% (with a previous generation WiFi adapter) to 100% full performance.

## 6. MAINTENANCE

- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Ensure the adapter is securely plugged into the USB port to prevent intermittent connections.
- Regularly check for driver updates on the EDUP website ([szedup.com/DownloadCenter](http://szedup.com/DownloadCenter)) to ensure optimal performance and security.

## 7. TROUBLESHOOTING

- **No WiFi Connection:** Ensure the adapter is properly installed and the drivers are up to date. Check if your WiFi network is broadcasting and visible.
- **Slow Speeds:** Verify that the adapter is plugged into a USB 3.0 port. Ensure your router supports WiFi

6E and is configured correctly. Reduce interference by moving closer to the router or removing obstacles.

- **Frequent Disconnections:** This can sometimes be caused by insufficient power. Ensure the adapter is connected to a powered USB 3.0 port. Check for driver conflicts or outdated drivers.
- **6GHz Band Not Available:** The 6GHz band is only supported on Windows 11 and requires a compatible WiFi 6E router. Ensure both your operating system and router meet these requirements.
- **Adapter Gets Hot:** While some warmth is normal during operation, excessive heat leading to disconnections may indicate an issue. Ensure proper ventilation around the adapter and the USB port.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	EP-AX1673
Hardware Interface	USB 3.0
Data Transfer Rate	3000 Megabits Per Second (Mbps)
Data Link Protocol	IEEE 802.11ax, 802.11ac, 802.11a, 802.11b, 802.11g, 802.11n
Frequency Bands	2.4GHz, 5GHz, 6GHz (Tri-Band)
Compatible Operating Systems	Windows 10 (64-bit), Windows 11 (64-bit)
Compatible Devices	Desktop, Laptop
Antennas	Dual 5dBi
Color	Black
Item Weight	1.44 ounces (0.04 Kilograms)
Package Dimensions	3.78 x 3.62 x 0.79 inches

## 9. WARRANTY AND SUPPORT

The EDUP AX3000M USB 3.0 WiFi 6E Adapter comes with a **3-year manufacturer replacement warranty** and a **90-day no-questions-asked return policy**.

If you require any assistance or have questions regarding your product, please do not hesitate to contact us via Amazon message. Our support team is available to help you with any issues you may encounter.