EDUP EP-AX1672

EDUP Mini USB 3.0 WiFi 6E Adapter AX3000M User Manual

Model: EP-AX1672

INTRODUCTION

The EDUP Mini USB 3.0 WiFi 6E Adapter AX3000M provides high-speed wireless connectivity for your PC or laptop. Utilizing the latest WiFi 6E (802.11ax) technology, this adapter supports tri-band frequencies (6GHz, 5GHz, and 2.4GHz) to deliver fast and stable network performance. Its compact design and USB 3.0 interface ensure efficient data transfer and broad compatibility.

Image: The EDUP Mini USB 3.0 WiFi 6E Adapter AX3000M, a compact device designed for enhanced wireless connectivity.

SETUP INSTRUCTIONS

Follow these steps to install and configure your EDUP WiFi 6E Adapter.

Step 1: Insert the WiFi Adapter

Insert the EDUP WiFi 6E Adapter into an available USB 3.0 port on your desktop PC or laptop. For optimal performance, use a USB 3.0 port (typically identified by a blue interior).
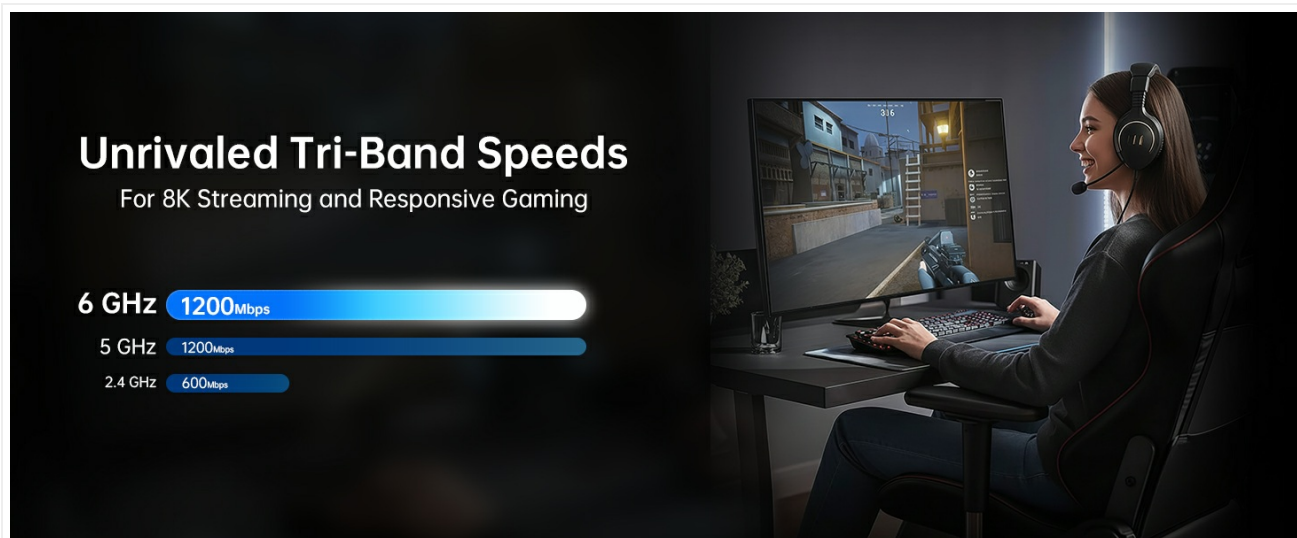
Image: Visual guide illustrating the three easy steps for setting up the WiFi adapter: inserting into USB, installing the driver, and connecting to a network.

Step 2: Driver Installation (Windows 10/11)

For Windows 10 and Windows 11 operating systems, driver installation is required. The necessary driver is provided on a U disk included with the adapter. Alternatively, you can download the latest driver from the official EDUP website: szedup.com/usb-adapters/EPAX1678.html.

1. Insert the U disk into your computer.
2. Locate the driver program (e.g., AXE3000 WIN-Driver setup.exe) on the U disk.
3. Double-click the setup file to begin the installation. Follow the on-screen prompts to complete the process.
4. If downloading, ensure you decompress the software before installation.

Step 3: Plug and Play (Linux)

For Linux operating systems (Kernel 5.19 or higher), the adapter supports plug-and-play functionality. No manual driver installation is typically required.

Step 4: Connect to a Wi-Fi Network

After successful driver installation (or plug-and-play for Linux), your computer should detect the WiFi adapter. You can then connect to an available Wi-Fi network:

1. Click on the Wi-Fi icon in your system tray (Windows) or network manager (Linux).
2. Select your desired Wi-Fi network from the list.
3. Enter the network password if prompted.
4. Click 'Connect' to establish the wireless connection.

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Video: An official EDUP video demonstrating the setup and functionality of the Mini USB 3.0 Wi-Fi 6E Adapter AX3000M.

OPERATING THE ADAPTER

The EDUP AX3000M adapter leverages WiFi 6E technology to provide a robust and high-performance wireless experience.

Tri-Band Connectivity

The adapter supports three frequency bands:

- **2.4GHz:** Up to 600Mbps, ideal for basic internet use and wider coverage.
- **5GHz:** Up to 1200Mbps, suitable for high-speed activities like streaming and online gaming.
- **6GHz:** Up to 1200Mbps, the new WiFi 6E band offering dedicated, interference-free channels for the fastest speeds and lowest latency. This band requires a compatible WiFi 6E router and Windows 11 or Linux Kernel 5.19+ for full functionality.

Image: A graphic illustrating the tri-band speeds of 6GHz (1200Mbps), 5GHz (1200Mbps), and 2.4GHz (600Mbps), highlighting their benefits for 8K streaming and responsive gaming.

USB 3.0 Interface

Equipped with a USB 3.0 interface, the adapter provides data transfer speeds up to 10 times faster than traditional USB 2.0. This ensures quicker response times for data transfers, smooth video streaming, and lag-free online gaming.

WPA3 Security

The adapter supports WPA3, the latest generation of Wi-Fi security, offering enhanced encryption and protection for your wireless network.

AP Function (Wi-Fi Hotspot)

The adapter can function as a Wi-Fi hotspot, allowing you to share your wired internet connection wirelessly with other devices.

Image: The EDUP WiFi 6E Adapter shown in different usage scenarios, including gaming, real-time meetings, and streaming shows, demonstrating its versatility.

MAINTENANCE

To ensure the longevity and optimal performance of your EDUP WiFi 6E Adapter, consider the following maintenance tips:

- **Keep it Clean:** Regularly clean the adapter's exterior with a soft, dry cloth to prevent dust buildup, especially around the USB connector.
- **Avoid Physical Damage:** Handle the adapter with care. Avoid dropping it or exposing it to excessive force, which can damage internal components or the USB connector.
- **Proper Storage:** When not in use, store the adapter in a safe place away from extreme temperatures and moisture.
- **Firm Connection:** Ensure the adapter is firmly seated in the USB port to maintain a stable connection. Avoid wiggling or bending the adapter while it's plugged in.

TROUBLESHOOTING

If you encounter issues with your EDUP WiFi 6E Adapter, refer to the following common troubleshooting steps:

No Wi-Fi Connection or Adapter Not Detected

- **Check USB Port:** Ensure the adapter is securely plugged into a functioning USB port. Try a different USB port, preferably a USB 3.0 port.
- **Driver Installation:** For Windows, verify that the driver is correctly installed. Re-install the driver if necessary, following the instructions in the Setup section.
- **Device Manager (Windows):** Open Device Manager and check if the adapter is listed under 'Network adapters' without any error symbols. If there's an error, try updating or re-installing the driver.
- **Restart Computer:** A simple restart can often resolve detection issues.

Slow Speeds or Frequent Disconnections

- **Router Proximity:** Ensure your computer is within a reasonable range of your Wi-Fi router. Obstacles like walls can degrade signal quality.
- **Router Compatibility:** To utilize 6GHz band speeds, ensure your router supports WiFi 6E. For Windows 10, only 2.4GHz and 5GHz bands are supported.
- **Interference:** Other electronic devices (microwaves, cordless phones) can cause interference. Try moving the adapter or your computer away from such devices.
- **USB 3.0 Interference:** In some cases, USB 3.0 ports can cause interference with 2.4GHz Wi-Fi. If experiencing issues on 2.4GHz, try using a USB extension cable to move the adapter away from the computer's USB port.
- **Driver Update:** Check the EDUP website for any updated drivers that might improve performance or stability.

Image: A visual comparison showing a stable, uninterrupted Wi-Fi connection provided by the EDUP WiFi 6E USB Adapter versus frequent Wi-Fi dropouts experienced with another adapter.

SPECIFICATIONS

Feature	Description
Model Number	EP-AX1672
Hardware Interface	USB 3.0
Wireless Standard	802.11ax (WiFi 6E)
Frequency Bands	2.4GHz, 5GHz, 6GHz (Tri-Band)
Data Transfer Rate	Up to 3000 Mbps (600Mbps on 2.4GHz, 1200Mbps on 5GHz, 1200Mbps on 6GHz)
Compatible Operating Systems	Windows 10 (32/64-bits), Windows 11 (64-bits), Linux (Kernel ≥ 5.19)
Security Protocols	WPA3

Item Weight	1.13 ounces
Package Dimensions	4.09 x 4.02 x 0.83 inches

WARRANTY AND SUPPORT

EDUP provides comprehensive support for its products:

- **Warranty:** This product comes with a 3-year manufacturer replacement warranty.
- **Return Policy:** A 90-day no-questions-asked return policy is available.
- **Customer Service:** For any assistance or inquiries, please contact us via Amazon message.