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EDUP EDUP-EP-1606-AC

EDUP AC1200M USB WiFi Adapter User Manual

Model: EDUP-EP-1606-AC

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of your EDUP AC1200M USB WiFi Adapter. This device is designed to provide high-speed wireless connectivity for your desktop PC, supporting dual-band frequencies (2.4GHz and 5GHz) and utilizing USB 3.0 for optimal performance.

KEY FEATURES

- **High-Speed Wireless:** Achieves up to 1300Mbps Wi-Fi speeds (867Mbps on 5GHz and 400Mbps on 2.4GHz). Ideal for HD video streaming and online gaming.
- **USB 3.0 Interface:** Supports data transfer rates up to 10 times faster than USB 2.0, ensuring maximum throughput and stable internet connection. Backward compatible with USB 2.0 and 1.1.
- **Dual High-Gain Antennas:** Equipped with two 6dBi external antennas to enhance signal reception and extend wireless coverage, even in areas with weak signals.
- **Broad Compatibility:** Supports Windows XP, Vista, 7, 8.1, 10, and Mac OS 10.4 - 10.15. (Note: Linux is not officially supported by the manufacturer for this model).
- **Soft AP Feature:** Allows you to create a Wi-Fi hotspot if your computer has a wired internet connection, enabling other mobile devices to connect wirelessly.
- **Advanced Security:** Supports WPA and WPA2 encryption and security authentication mechanisms to protect your wireless network.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x EDUP AC1200M USB WiFi Adapter
- 1x USB Cable (39 inches)
- 1x Driver CD (or USB flash drive, depending on package)

SETUP AND INSTALLATION

Follow these steps to install and set up your EDUP AC1200M USB WiFi Adapter.

1. Driver Installation

The driver software must be installed before connecting the adapter to your computer.

1. Using the Driver CD/USB:

- Insert the provided driver CD into your computer's CD drive or the USB flash drive into a USB port.
- Navigate to the CD/USB drive and locate the setup file (e.g., **setup.exe** for Windows).
- Run the setup file and follow the on-screen instructions to complete the driver installation.
- Restart your computer if prompted.

2. Downloading Drivers Online:

- If your computer does not have a CD drive or if you need the latest drivers, visit the official EDUP website: www.szedup.com.
- Navigate to the "Support" section and then "Driver Download".
- Search for your model number (EP-AC1606-AC) or chipset (RTL8812BU).
- Download the appropriate driver for your operating system (e.g., Windows 10). The driver will typically be a .zip file.
- Extract the contents of the .zip file and run the setup application.
- Follow the on-screen instructions to install the driver and restart your computer if prompted.

2. Connecting the WiFi Adapter

After the driver installation is complete, connect the adapter to your computer.

1. Connect the USB cable to the USB 3.0 port on the EDUP WiFi adapter.
2. Plug the other end of the USB cable into an available USB 3.0 port on your desktop PC. Ensure it is a USB 3.0 port for optimal performance (usually blue colored).
3. Adjust the two external antennas for best signal reception. They can be rotated 360 degrees and adjusted up to 90 degrees.

Ultra-fast USB3.0

up to 10 times faster than usb2.0



Image: The EDUP AC1200M USB WiFi Adapter with its two adjustable antennas connected via USB.

Adjustable Multi-Directional Antenna



Image: Illustration showing the 90-degree and 360-degree rotation capability of the antennas for optimal signal reception.

3. Connecting to a Wi-Fi Network

Once the adapter is connected and drivers are installed, you can connect to your wireless network.

1. Click the network icon (usually a Wi-Fi symbol) in the taskbar of your operating system (e.g., Windows).
2. A list of available Wi-Fi networks will appear. Select your desired network.
3. Click "Connect".
4. Enter the network security key (Wi-Fi password) when prompted.
5. After a short moment, your computer should connect to the Wi-Fi network, and the network status will change to "Connected, secured".

Your browser does not support the video tag.

Video: This video demonstrates the installation process of the EDUP USB WiFi Adapter, including driver installation and connecting to a wireless network on a Windows operating system.

OPERATING INSTRUCTIONS

Soft AP Feature (Wi-Fi Hotspot)

The Soft AP feature allows your computer to act as a Wi-Fi hotspot, sharing its wired internet connection with other wireless devices.

1. Ensure your computer is connected to the internet via a wired Ethernet connection.
2. Open the utility software provided with the EDUP adapter (usually found in your system tray or Start Menu after driver installation).
3. Locate and enable the "Soft AP" or "Hotspot" function within the utility.
4. Configure the network name (SSID) and password for your new Wi-Fi hotspot.
5. Other wireless devices can now connect to your computer's Wi-Fi hotspot using the configured SSID and password.

MAINTENANCE

The EDUP AC1200M USB WiFi Adapter requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the adapter in a clean, dry environment.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Periodically check the EDUP website for updated drivers to ensure compatibility and performance improvements.
- Ensure the antennas are not obstructed and are positioned for the best signal.

TROUBLESHOOTING

No Wi-Fi Networks Detected / Adapter Not Working

- **Driver Installation:** Ensure the correct drivers for your operating system and the RTL8812BU chipset are properly installed. Reinstalling drivers can often resolve issues.
- **USB Port:** Try plugging the adapter into a different USB port, preferably a USB 3.0 port. Some USB 2.0 ports or unpowered USB hubs may not provide sufficient power, leading to intermittent disconnections or non-functionality.
- **Device Manager (Windows):** Check Device Manager to see if the adapter is recognized and if there are any error symbols (e.g., yellow exclamation mark). If so, update or reinstall the driver.
- **Antenna Connection:** Ensure both antennas are securely screwed into the adapter.

Slow Speeds or Frequent Disconnections

- **Signal Strength:** Adjust the antennas to optimize signal reception. Try repositioning the adapter or your computer.
- **Interference:** Keep the adapter away from other electronic devices that might cause interference (e.g., microwaves, cordless phones).
- **Router Distance:** While the adapter has long-range antennas, excessive distance from your Wi-Fi router can still impact performance.
- **Driver Updates:** Ensure you have the latest drivers installed from the EDUP website.
- **USB Power:** If experiencing frequent drops, try connecting the adapter to a powered USB hub or a different USB 3.0 port on your motherboard to ensure stable power delivery.

SPECIFICATIONS

Brand	EDUP
Model Number	EDUP-EP-1606-AC
Hardware Interface	USB 3.0
Data Transfer Rate	Up to 1300 Mbps (867Mbps on 5GHz, 400Mbps on 2.4GHz)
Antennas	2x 6dBi High Gain Dual Band Antennas
Compatible Devices	Desktop PC
Compatible Operating Systems	Windows XP/Vista/7/8.1/10, Mac OS 10.4-10.15 (Linux not supported)
Security	WPA, WPA2 encryption



Image: Dimensions of the EDUP AC1200M USB WiFi Adapter, showing its length and width.

WARRANTY AND SUPPORT

Warranty: This product comes with a one-year manufacturer replacement warranty and a 45-day no-questions-asked return policy.

Technical Support: For any questions or technical assistance regarding your EDUP WiFi adapter, please contact customer support:

- **Phone:** 323-248-1976 (Free Support Call)

- **Email:** Refer to the EDUP website (www.szedup.com) for contact information or the latest driver download page for support links.