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EDUP EP-DB1607

EDUP AC600M Dual Band USB WiFi Adapter Instruction Manual

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1. OVERVIEW

The EDUP AC600M USB WiFi Adapter (Model: EP-DB1607) is a high-performance dual-band wireless network adapter designed to enhance your computer's Wi-Fi capabilities. It supports the 802.11ac standard, delivering faster speeds and improved connectivity compared to older wireless N standards. This adapter is ideal for online gaming, seamless HD video streaming, and other bandwidth-intensive applications.



Image: EDUP AC600M USB WiFi Adapter with its adjustable antenna.

Key Features:

- **Ultra-fast AC600 Wireless Speed:** Achieves speeds up to 600Mbps with 802.11ac technology, significantly faster than Wireless-N.
- **Dual-Band Connectivity:** Operates on both 5.8GHz (up to 433Mbps) and 2.4GHz (up to 150Mbps) bands, reducing interference and ensuring a stable connection.
- **Universal Compatibility:** Upgrades PC, laptop, or Mac systems to work with the latest AC Wi-Fi routers, supporting Windows XP/Vista/7/8.1/10 and Mac OS 10.7-10.15.
- **High Gain Antenna:** Features an external 2dBi omni-directional antenna to improve signal reception, increase coverage, and enhance stability, even in areas with weak signals.

2. WHAT'S IN THE Box

Upon opening your EDUP AC600M USB WiFi Adapter package, you should find the following items:

- 1 x EDUP USB WiFi Adapter
- 1 x CD Driver
- 1 x Instruction Manual

3. SETUP INSTRUCTIONS

Follow these steps to install and set up your EDUP AC600M USB WiFi Adapter:

1. **Insert the Adapter:** Plug the EDUP USB WiFi Adapter into an available USB port on your desktop or laptop computer. For optimal performance, use a USB 2.0 or higher port.

Free Driver Wireless USB Adapter, Plug&Play

EP-AC1607 Wireless adapter can be installed very easily, because it is no need CD or driver.



Image: The adapter connected to a laptop, demonstrating its compact design.

2. Driver Installation:

- **Windows (Plug & Play):** For most modern Windows operating systems (Windows 10/8.1), the adapter may be recognized automatically, and drivers installed via Plug & Play. If not, proceed to the next step.
- **Using the CD Driver:** Insert the included mini CD into your computer's CD-ROM drive. Follow the on-screen instructions to install the necessary drivers.
- **Downloading Drivers Online:** If your computer does not have a CD-ROM drive or you encounter issues with the CD, you can download the latest drivers from the official EDUP website. Search for 'EDUP EP-DB1607 driver' to find the appropriate download.

3. Connect to a Wi-Fi Network:

Once the drivers are successfully installed, your computer will detect available Wi-Fi networks. Select your desired network and enter the password to connect.

Setup Demonstration Video:

Video: Official product video demonstrating the features and benefits of the EDUP AC600M USB WiFi Adapter, including strong signal penetration and dual-band connectivity.

4. OPERATING INSTRUCTIONS

The EDUP AC600M adapter offers flexible operation modes to suit your networking needs.

Dual-Band Operation:

The adapter automatically detects and connects to either the 2.4GHz or 5GHz band, depending on network availability and signal strength. The 5GHz band provides higher speeds and less interference, ideal for streaming and gaming, while the 2.4GHz band offers wider coverage.

AP MODE

5Ghz provides you with a private line to connect WiFi, a less crowded, more private, boosted signal.



Image: Illustration of dual-band connectivity and AP mode.

AP Mode (Access Point Mode):

The adapter can function as a Wi-Fi hotspot (AP Mode), allowing other devices to connect to your computer's internet connection. This feature is particularly useful for sharing a wired internet connection wirelessly. Refer to your operating system's network settings for instructions on enabling AP Mode.

EXTERNAL POWERFUL ANTENNA

Fed up with WIFI dead zones? Upgraded Wi-Fi technology and detachable omni-directional dual band antenna for increased coverage and stability.



Image: The external antenna enhances signal strength and coverage.

Antenna Adjustment:

The external antenna can be rotated 360 degrees to optimize signal reception. Adjust the antenna's position to achieve the best possible Wi-Fi signal strength and stability.

5. MAINTENANCE

To ensure the longevity and optimal performance of your EDUP AC600M USB WiFi Adapter, consider the following maintenance tips:

- **Keep Clean:** Regularly clean the adapter and its USB connector with a soft, dry cloth to prevent dust buildup, which can affect connectivity.
- **Avoid Physical Damage:** Handle the adapter with care. Avoid bending the antenna excessively or subjecting the device to impacts, which could damage internal components or the USB connector.
- **Proper Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Driver Updates:** Periodically check the EDUP official website for updated drivers. Keeping your drivers current can improve performance and resolve compatibility issues.

6. TROUBLESHOOTING

If you encounter issues with your EDUP AC600M USB WiFi Adapter, try the following troubleshooting steps:

No Wi-Fi Connection / Adapter Not Detected:

- **Re-plug the Adapter:** Unplug the adapter and plug it back into a different USB port. Ensure it is securely seated.
- **Check Device Manager (Windows):** Open Device Manager (search for it in the Start menu). Look for 'Network adapters'. If the EDUP adapter is listed with a yellow exclamation mark or not present, the driver may not be installed correctly.
- **Reinstall Drivers:** Uninstall any existing drivers for the adapter from Device Manager, then reinstall them using the provided CD or the latest drivers downloaded from the EDUP website.
- **Try on Another Computer:** Test the adapter on a different computer to determine if the issue is with the adapter or your computer's USB ports/system.

Slow Speeds / Frequent Disconnections:

- **Adjust Antenna Position:** Rotate the adapter's antenna to find the optimal position for signal reception.
- **Check Router Placement:** Ensure your Wi-Fi router is centrally located and not obstructed by large objects or walls.
- **Interference:** Other electronic devices (microwaves, cordless phones) can cause interference. Try moving the adapter or your computer away from such devices.
- **Router Band:** If your router supports both 2.4GHz and 5GHz, try connecting to the 5GHz band for potentially faster speeds and less congestion.
- **Update Router Firmware:** Ensure your Wi-Fi router's firmware is up to date.

Blinking Blue Light:

The blinking blue light on the adapter indicates active data transmission. This is normal operation. If you find it distracting, you may cover it with a small piece of opaque tape.

7. SPECIFICATIONS

Feature	Detail
Model Number	EP-DB1607
Wireless Type	802.11a, 802.11b, 802.11g, 802.11n, 802.11ac
Data Link Protocol	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, USB
Data Transfer Rate	600 Megabits Per Second (433Mbps on 5GHz, 150Mbps on 2.4GHz)
Hardware Interface	USB
Compatible Operating Systems	Windows XP/Vista/7/8.1/10, Mac OS 10.7-10.15

Compatible Devices	Desktop, Laptop
Antenna	External High Gain Long-Range 2dBi Omni-directional Antenna
Product Dimensions	3.4 x 2.7 x 0.5 inches (8.6 x 6.9 x 1.3 cm)
Item Weight	0.32 ounces (9 grams)



Image: Detailed dimensions of the EDUP AC600M USB WiFi Adapter.

Fully Functional



2.4G 5G



802.11AC



USB2.0



Universal Compatibility



360° Rotation



High Gain Antenna



WiFi Receive



WiFi Hot-Spot



Stable



Image: Visual representation of the adapter's key functionalities.

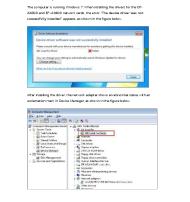
8. WARRANTY & SUPPORT

For warranty information, technical support, or further assistance with your EDUP AC600M USB WiFi Adapter, please refer to the contact information provided in the product packaging or visit the official EDUP website. Keep your purchase receipt for warranty claims.

You can also visit the [EDUP Store on Amazon](#) for additional product information and support resources.

Related Documents - EP-DB1607

	<p>EDUP USB WiFi Adapter Installation Guide and Usage</p> <p>Comprehensive installation guide for EDUP USB WiFi adapters, covering setup for Windows 7, Windows 10, Windows XP, and Mac OS. Includes troubleshooting tips and driver download information.</p>
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	<p>EDUP EP-AC1633 USB WiFi Adapter Quick Installation Guide Step-by-step guide for installing the EDUP EP-AC1633 USB WiFi Adapter on Windows systems, including FCC and IC compliance information.</p>
	<p>WIFI 6 AX600Mbps USB Wireless Adapter Installation Guide Step-by-step installation guide for the WIFI 6 AX600Mbps USB Wireless Adapter, including driver installation, troubleshooting network connection problems, and setup instructions for Windows 10.</p>
	<p>Troubleshooting Guide for EP-AX300/EP-AX600 USB Wireless Adapter Driver Installation on Windows 7 This guide provides solutions for common driver installation errors (Error Code 37 and 52) encountered when installing EP-AX300 and EP-AX600 USB Wireless Adapters on Windows 7. It details steps to resolve issues related to missing Windows updates.</p>
	<p>EDUP WIFI 6 AX1800 USB Wireless Adapter 8832BU Quick Installation Guide Step-by-step guide for installing the EDUP WIFI 6 AX1800 USB Wireless Adapter (model 8832BU) and connecting to Wi-Fi networks. Includes driver installation instructions and Wi-Fi connection steps.</p>
	<p>EDUP EP-9635C Quick Installation Guide A concise guide for installing the EDUP EP-9635C network card, including hardware setup and driver installation for Windows.</p>