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## EDUP LOVE EP-1689GS

# EDUP LOVE USB 3.0 Wireless WiFi Adapter AC1300Mbps User Manual

Model: EP-1689GS

## 1. INTRODUCTION

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The EDUP LOVE USB 3.0 Wireless WiFi Adapter AC1300Mbps is designed to upgrade your PC's Wi-Fi capabilities, offering high-speed wireless connectivity for seamless online gaming, HD video streaming, and web browsing. This compact and lightweight adapter supports dual-band operation (2.4GHz and 5GHz) and utilizes USB 3.0 for faster data transfer. It is compatible with a wide range of operating systems, including Windows (10/7/8/8.1/XP), Mac OS X (10.6~10.15.3).

## 2. PRODUCT OVERVIEW

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The EP-1689GS WiFi adapter features a compact design with a USB 3.0 interface for optimal performance. It includes built-in antennas for stable signal reception and supports advanced wireless standards.



Front view of the EDUP LOVE USB 3.0 Wireless WiFi Adapter, highlighting its compact size and USB 3.0 connector.



Detailed dimensions of the WiFi adapter, showing its length and width for easy portability.



Illustration of the heat dissipation design integrated into the adapter to ensure stable performance.

### Key Features:

- **Lightning Fast Speed:** Up to 1300Mbps Wi-Fi speeds (867Mbps over 5GHz, 400Mbps over 2.4GHz).
- **USB 3.0 Interface:** Provides data transfer speeds up to 5Gbps, backward compatible with USB 2.0 & 1.1.
- **Dual-Band Support:** Operates on both 2.4GHz and 5GHz bands for flexible connectivity.
- **Built-in Antenna:** Features 2 dBi built-in antennas for extended Wi-Fi connection and superior stability.
- **MU-MIMO Technology:** Ensures more devices process data simultaneously, reducing latency.
- **Soft AP Function:** Allows creation of a Wi-Fi hotspot for other devices.
- **Chipset:** RTL8812BU for reliable performance.
- **System Compatibility:** Supports Windows 11/10/7/8/8.1/XP and Mac OS X 10.6~10.15.3.

## 3. SETUP GUIDE

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

### Driver Installation:

1. **Insert the Adapter:** Plug the EDUP LOVE USB WiFi Adapter into an available USB 3.0 port on your computer.
2. **Install Driver:**
  - **Using the included CD:** Insert the CD disk into your computer's CD drive. Open the CD and find the corresponding system driver (e.g., for Windows 7, Windows 10/11, or Mac OS). Double-click the "Setup" application to begin installation.
  - **Downloading the Driver:** If your computer does not have a CD drive or for the latest drivers, please visit

the official EDUP website: <https://www.szedup.com/search/1689>. Download the appropriate driver for your operating system.

3. **Follow On-Screen Prompts:** Proceed with the installation wizard. You may be prompted to restart your computer after the installation is complete. It is recommended to restart for the changes to take effect.
4. **Verify Installation:** After restarting, right-click on "This PC" or "My Computer" and select "Manage". Go to "Device Manager" and expand "Network adapters". You should see "Realtek RTL8812BU Wireless LAN 802.11ac USB NIC" without any yellow exclamation marks, indicating successful driver installation.

Your browser does not support the video tag.

Official video demonstrating the installation process for the EDUP LOVE USB WiFi Adapter, including driver setup and initial connection steps.

### Connecting to a Wi-Fi Network:

1. **Access Network Settings:** Click the Wi-Fi icon in the bottom right corner of your computer's taskbar (Windows) or the Wi-Fi symbol in the menu bar (Mac).
2. **Select Network:** A list of available Wi-Fi networks will appear. Select your desired network.
3. **Enter Password:** Input the network security key (Wi-Fi password) when prompted.
4. **Connect:** Click "Connect" to establish a connection. Once connected, the Wi-Fi icon will indicate a successful connection.
5. **Verify Internet Access:** Open a web browser and try to access a website to confirm internet connectivity.

## 4. OPERATING INSTRUCTIONS

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### Station Mode (Receive Signal):

In Station Mode, the adapter allows your PC or laptop to connect to an existing wireless network provided by a router. This is the primary mode for accessing the internet wirelessly.

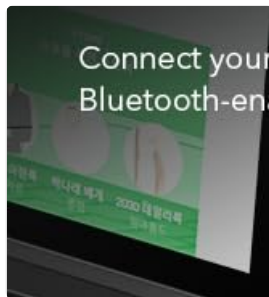


Diagram illustrating the adapter in Station Mode, connecting a PC to a wireless router for internet access.

### AP Mode (Transmit Signal - Hotspot Function):

The Soft AP Function allows the adapter to act as a wireless access point, sharing your wired internet connection with other Wi-Fi enabled devices (e.g., smartphones, tablets). This is useful if you have a wired internet connection but no wireless router.

1. Ensure your computer has a wired internet connection.
2. Open the wireless utility software that came with the adapter (or downloaded from the website).
3. Look for an "AP Mode" or "Hotspot" setting within the utility.
4. Configure the network name (SSID) and password for your new hotspot.
5. Enable the AP Mode. Your other devices can now connect to this new Wi-Fi network.

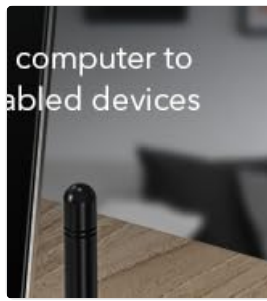


Diagram showing the adapter in AP Mode, sharing a wired internet connection with multiple wireless devices.

## 5. MAINTENANCE

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- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself, as this will void the warranty.
- Ensure the adapter is securely plugged into the USB port to prevent accidental disconnections.
- Regularly check the manufacturer's website for updated drivers to ensure optimal performance and compatibility.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No Wi-Fi signal or "No Internet Access"	Driver not installed or corrupted. Adapter not properly inserted. Wi-Fi network issues.	Reinstall the driver from the CD or official website. Ensure the adapter is fully inserted into a working USB port. Check your router and internet connection.
Slow Wi-Fi speed	Interference from other devices. Distance from router. Connecting to 2.4GHz instead of 5GHz.	Reduce interference by moving the adapter or other devices. Move closer to the router. Connect to the 5GHz band if available and supported by your router. Ensure you are using a USB 3.0 port.
Adapter gets hot during use	Normal operation under heavy load.	This is generally normal. Ensure adequate ventilation around the adapter. If it becomes excessively hot and causes performance issues, contact support.
Cannot connect to 5GHz network	Router does not support 5GHz. Incorrect driver.	Verify your router supports 5GHz Wi-Fi. Ensure you have the correct and latest driver installed for your operating system.

If you encounter issues not listed here or if the suggested solutions do not resolve your problem, please contact customer support.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	EP-1689GS
Wireless Standard	802.11ac
Data Transfer Rate	Up to 1300Mbps (867Mbps on 5GHz, 400Mbps on 2.4GHz)
Interface	USB 3.0 Type A (Backward compatible with USB 2.0/1.1)
Antenna	Built-in 2 dBi Antennas
Chipset	RTL8812BU
Operating System Support	Windows 11/10/7/8/8.1/XP; Mac OS X 10.6~10.15.3
Color	Black
Item Weight	1.44 ounces
Package Dimensions	5.35 x 4.8 x 0.67 inches

## 8. WARRANTY AND SUPPORT

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### Warranty Information:

The EDUP LOVE USB 3.0 Wireless WiFi Adapter AC1300Mbps comes with a **5-year manufacturer replacement warranty**. Additionally, it is backed by a **60-day no-questions-asked return policy**.

### Customer Support:

For any questions, technical assistance, or warranty claims, please do not hesitate to contact us. You can reach our support team via Amazon message. We are committed to providing prompt and helpful assistance.

For the latest drivers and additional resources, please visit our official website:

<https://www.szedup.com/search/1689>.