

eppfun WF-06

eppfun WF-06 WiFi 6 USB 3.0 Adapter User Manual

Model: WF-06

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your eppfun WF-06 WiFi 6 USB 3.0 Adapter. This device is designed to provide high-speed wireless connectivity for desktop PCs running Windows 10 or Windows 11, leveraging the latest Wi-Fi 6 (802.11ax) technology for enhanced performance and stability.



Image: The eppfun WF-06 WiFi 6 USB 3.0 Adapter, a compact black device with a blue USB 3.0 connector and "802.11ax Wireless USB Adapter" printed on its surface.

2. PRODUCT FEATURES

- **Interface:** USB 3.0 / USB 2.0 compatible.
- **Supported Systems:** Windows 11/10 (32/64bit). *Note: Not compatible with Mac OS.*
- **Wireless Standard:** Compliant with 802.11ax/ac/a/b/g/n.
- **Dual Band Operation:** 2.4GHz (up to 574Mbps) and 5GHz (up to 1201Mbps) for a total of 1800Mbps.
- **Enhanced Signal:** Built-in FEM (PA+LNA) module for stronger signal and wider receiving range.
- **Stable Communication:** Achieves good communication quality with two antennas, internal and external.
- **Advanced Technology:** OFDMA and MU-MIMO provide smooth communication in high-density network environments.
- **Security:** Supports WPA3, WPA/WPA2, 64/128 bit WEP encryption.

eppfun WiFi 6 USB 3.0 Adapter



WiFi 6 Router

WiFi 6 USB Adapter

WiFi Max
Performance

WiFi 6 Router >>>>>>>> Universal USB WiFi Adapter 50%

WiFi Max Performance

WiFi 6 Router >>>>>>>> WiFi 6 USB WiFi Adapter 100%

Image: Diagram illustrating the eppfun WiFi 6 USB 3.0 Adapter's connection between a WiFi 6 router and a device, highlighting "WiFi Max Performance" compared to a universal USB WiFi adapter.

3. PACKAGE CONTENTS

The package should contain the following item:

- eppfun WF-06 WiFi 6 USB 3.0 Adapter

4. SETUP INSTRUCTIONS

Follow these steps to install your eppfun WF-06 WiFi 6 USB 3.0 Adapter:

1. **Insert the Adapter:** Plug the eppfun WF-06 WiFi 6 USB 3.0 Adapter into an available USB 3.0 port on your desktop PC. While the product is advertised as "Plug and Play," some users may need to manually install drivers.
2. **Driver Installation:**
 - Upon insertion, the adapter may appear as a USB flash drive in "This PC" or "My Computer."

- Open this drive and locate the driver installation file (e.g., an executable or setup file).
 - Run the installer and follow the on-screen prompts to complete the driver installation.
 - If the adapter is recognized automatically and functions without manual installation, no further action is required.
3. **Verify Installation:** After installation, check your computer's Device Manager under "Network adapters" to ensure the eppfun WiFi 6 adapter is listed and functioning correctly.
 4. **Connect to WiFi:** Once the adapter is recognized, you can connect to your desired Wi-Fi network through the Windows network settings.



Image: The eppfun WiFi 6 USB 3.0 Adapter plugged into a laptop, with text indicating "No need to install drivers" and "Support OS Windows 11/10".

5. OPERATING INSTRUCTIONS

Once the eppfun WF-06 adapter is successfully installed and connected, it will function as your computer's primary

wireless network adapter.

- **Network Selection:** Access your computer's network settings (usually found in the system tray or Control Panel) to view available Wi-Fi networks.
- **Connect/Disconnect:** Select your preferred network and enter the password if required. You can disconnect from networks or switch between them as needed.
- **Performance:** For optimal performance, ensure your router supports Wi-Fi 6 (802.11ax) and is configured for dual-band operation (2.4GHz and 5GHz). The 5GHz band generally offers higher speeds over shorter distances, while 2.4GHz provides better range.

6. MAINTENANCE

To ensure the longevity and optimal performance of your eppfun WF-06 WiFi 6 USB 3.0 Adapter, consider the following maintenance tips:

- **Keep Clean:** Periodically clean the adapter's exterior with a soft, dry cloth. Avoid using liquid cleaners.
- **Proper Handling:** Avoid bending or applying excessive force to the USB connector.
- **Temperature:** Operate the adapter within normal room temperatures. Excessive heat can affect performance and lifespan.
- **Driver Updates:** Check the eppfun official website periodically for updated drivers to ensure compatibility and performance improvements.

7. TROUBLESHOOTING

If you encounter issues with your eppfun WF-06 WiFi 6 USB 3.0 Adapter, refer to the following common solutions:

- **Adapter Not Recognized:**
 - Ensure the adapter is fully inserted into a functional USB port. Try a different USB port.
 - Check Device Manager for any unknown devices or devices with error symbols.
 - Manually install the drivers from the adapter's internal storage as described in the Setup Instructions.
- **No Internet Connection:**
 - Verify that your Wi-Fi router is powered on and broadcasting a signal.
 - Ensure you have selected the correct Wi-Fi network and entered the password accurately.
 - Restart your computer and router.
- **Slow Speeds or Intermittent Connection:**
 - Ensure your computer is within range of your Wi-Fi router.
 - Minimize physical obstructions between the adapter and the router.
 - Check for interference from other electronic devices.
 - Update the adapter's drivers to the latest version.
 - Consider connecting to the 5GHz band if available, as it generally offers higher speeds with less interference, though with a shorter range.
- **Adapter Overheating:**
 - Ensure the adapter has adequate ventilation and is not blocked by other devices or objects.
 - If overheating persists, discontinue use and contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model	WF-06
Interface	USB 3.0 / USB 2.0
Wireless Standard	IEEE 802.11ax/ac/a/b/g/n
Frequency Bands	2.4GHz (2.412GHz-2.4835GHz), 5GHz (5.15GHz-5.825GHz)
Max Transfer Speed	1800Mbps (5GHz: 1201Mbps, 2.4GHz: 574Mbps)
Antenna	5dBi Dual Band Antenna (Internal and External)
Modulation	1024-QAM
Security Encryption	WPA3/WPA2-PSK (TKIP/AES), WPA/WPA2, 64/128 bit WEP
Supported OS	Windows 11/10 (32/64bit)
Package Dimensions	4.72 x 3.54 x 0.67 inches
Item Weight	1.44 ounces (0.04 Kilograms)
Operating Voltage	5.0 VDC $\pm$ 5%
Power Consumption (Max)	RX and TX: 220mA; TX: 220mA; RX: 180mA

9. WARRANTY AND SUPPORT

eppfun is committed to customer satisfaction and product quality.

Trust eppfun



[Warranty] We value customers' good shopping experience and offer a 12 month warranty. If you have any questions, please feel free to contact us. We will address your concerns as soon as possible.

1-Year Warranty

We offer a 12-month warranty. If you have any questions or concerns, please contact us.



60-Day Return

Dissatisfied with a product? Unable to resolve the issue through support?Worry not! All products are eligible for a full hassle free refund within 60 days of purchase.

60-Day Return

All products are eligible for a full hassle-free refund within 60 days of purchase if you are dissatisfied or unable to resolve an issue.



Need Help?

Your satisfaction matters to us!
Please contact us through the
official eppfun seller page if you're
experiencing any problems. We will
help you with any product issues.

Need Help?

Contact us through the official eppfun seller page for any product issues. Your satisfaction matters to us.



Got a Question?

Not sure if your device is compatible
with our product? Feel free to leave a
question on the product page in the
customer questions & answers
section and we will get back to you
within the next day.

Got a Question?

If you're unsure about compatibility or have questions, leave a question on the product page. We will respond within one day.

For further assistance, please visit the [eppfun Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question