

beertoy CF-812AC

USB3.0 WiFi Dongle CF-812AC Instruction Manual

Model: CF-812AC | Brand: beertoy

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your beertoy CF-812AC USB3.0 WiFi Dongle. This device is designed to upgrade your PC or laptop with enhanced wireless connectivity, supporting both 2.4GHz and 5GHz bands for faster speeds and extended range. The CF-812AC is a compact, portable, and driver-free networking card, making it convenient for various computing environments.



Image 1.1: The beertoy CF-812AC USB WiFi Dongle, a compact black device with a USB 3.0 connector.

2. PRODUCT FEATURES

- **High Transmission Rate:** Up to 1300Mbps for fast data transfer.
- **Dual-Band Connectivity:** Supports both 5.8GHz and 2.4GHz frequencies for versatile and stable connections, ideal for HD streaming and online gaming.
- **WiFi Hotspot Creation:** Enables your computer to function as a WiFi hotspot.
- **USB 3.0 Interface:** Ensures high-speed data transfer with compatible ports.
- **Mini & Portable Design:** Compact size for easy carrying and discreet use.
- **Driver-Free Installation:** Effortless connection without the need for manual driver installation on supported operating systems.

Mini invisible size , Fashionable and Portable

Unique corrugated shape and mini U disk size, convenient and easy to use

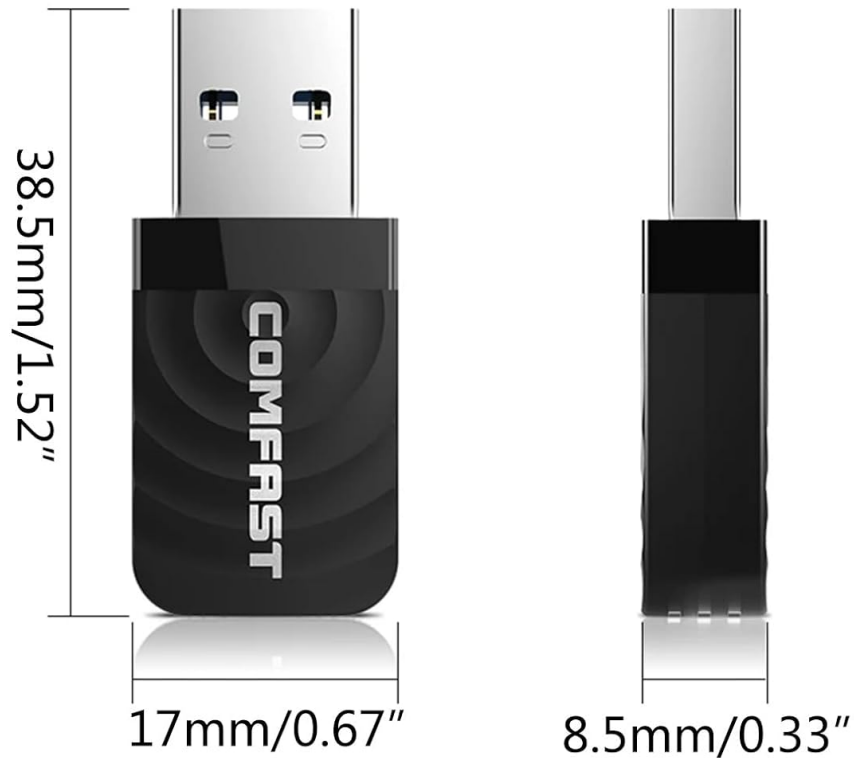


Image 2.1: Dimensions of the CF-812AC USB WiFi Dongle, highlighting its mini and portable design (approximately 37.5mm x 17mm x 8.5mm).

3. PACKAGE CONTENTS

Before proceeding with the installation, please verify that all items are present in the package:

- 1 x Wireless Networking Card (CF-812AC USB WiFi Dongle)
- 1 x Drive Disc (for older systems or manual driver installation, if needed)
- 1 x User Manual (this document)

4. SETUP AND INSTALLATION

The CF-812AC dongle is designed for effortless, driver-free connection on most modern operating systems. Follow these steps to set up your device:

1. **Insert the Dongle:** Locate an available USB 3.0 port on your desktop computer or laptop. Gently insert the CF-812AC USB WiFi Dongle into the USB port. Ensure it is fully seated.



Image 4.1: The CF-812AC dongle inserted into a laptop's USB port, demonstrating its compact fit.

2. **Automatic Driver Installation:** For Windows XP/7/8/8.1/10 (32-bit, 64-bit) and Mac OS 10.9-10.14, the operating system should automatically detect the device and install the necessary drivers. This process may take a few moments.
3. **Verify Installation:** Once installed, a network icon should appear in your system tray (Windows) or menu bar (Mac). Click on this icon to view available WiFi networks.
4. **Connect to WiFi:** Select your desired WiFi network from the list and enter the network password if prompted.
5. **Manual Driver Installation (Optional):** If automatic installation fails or you are using an unsupported operating system, use the provided Drive Disc to manually install the drivers. Insert the disc into your computer's optical drive and follow the on-screen instructions.

Two work mode



1

Station Mode: receive WiFi signal

Let the laptop and desktop connect to the WiFi signal more smoothly



Image 4.2: Illustration of the dongle operating in Station Mode, allowing desktop and laptop computers to receive WiFi signals wirelessly.

5. OPERATING INSTRUCTIONS

The CF-812AC USB WiFi Dongle supports two primary modes of operation:

5.1. Station Mode (Receive WiFi Signal)

In this mode, the dongle acts as a receiver, allowing your computer to connect to existing WiFi networks. This is the most common use case.

- Ensure the dongle is properly inserted into a USB port.
- Access your computer's network settings or click the network icon in the system tray/menu bar.
- Select the desired WiFi network (SSID) from the list of available networks.
- Enter the network security key (password) if required.
- Once connected, your computer will have internet access via the WiFi dongle.

Desktop computer cable is too long

Can't stand the desktop computer to pull out the long network cable
and break the home environment
CF-812AC gigabit wireless adapter , let the desktop computer
receive the WiFi signal to surf the Internet



Image 5.1: Depiction of a laptop utilizing the CF-812AC dongle to connect to a 5G WiFi signal, indicating improved internet speed.

5.2. AP Mode (Create WiFi Hotspot)

The dongle can also function as an Access Point (AP), allowing your computer to share its internet connection with other devices, effectively creating a WiFi hotspot.

- Ensure your computer has an active internet connection (e.g., via Ethernet).
- Install the necessary software or drivers from the provided Drive Disc if AP mode functionality is not automatically available.
- Navigate to your operating system's mobile hotspot or network sharing settings.
- Enable the hotspot feature and configure the network name (SSID) and password.
- Other devices can now connect to the WiFi network broadcast by your computer through the dongle.

Is the laptop slow online ?

Always feel that the notebook network is slow, not as fast as the plug-in line. You need to have a gigabit dual band wireless adapter instead of original adapter. Not only help you increase your internet speed, but also connect 5G signal

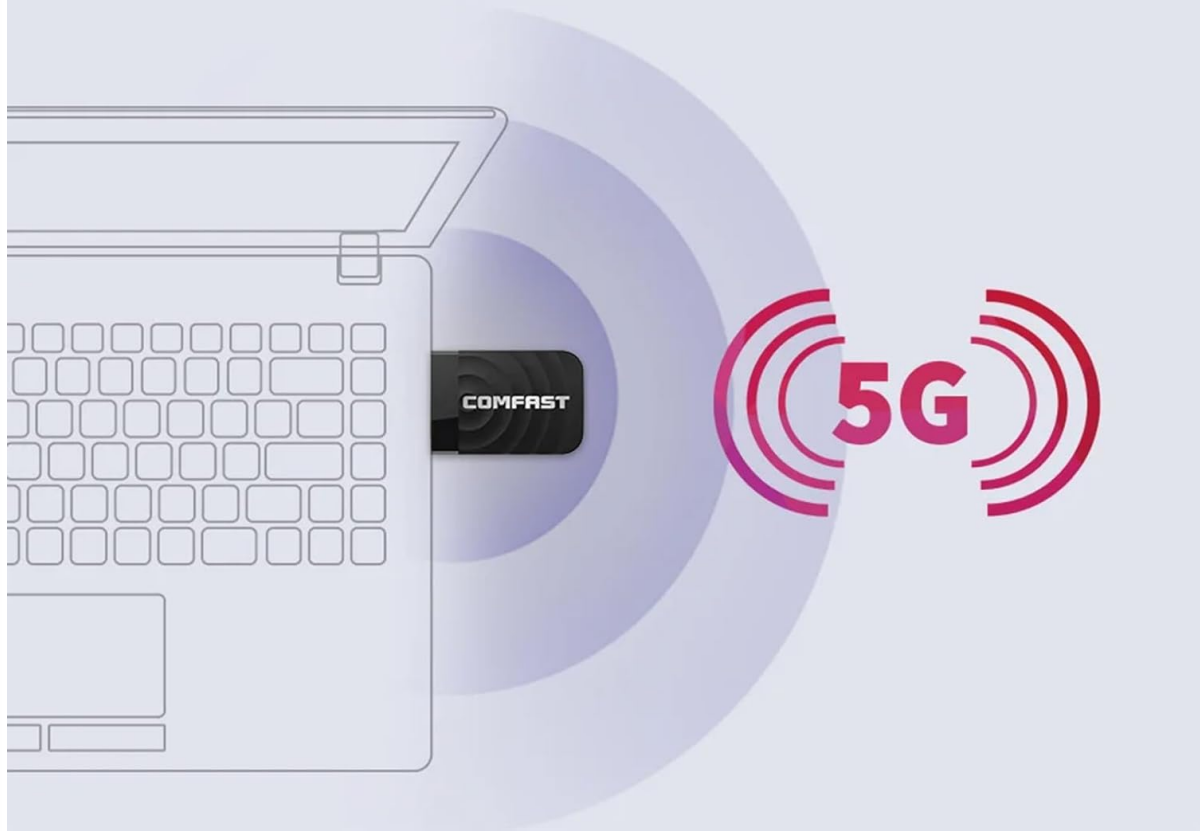


Image 5.2: A desktop computer receiving a WiFi signal via the CF-812AC dongle, illustrating wireless connectivity without long cables.

6. MAINTENANCE

The beertoy CF-812AC USB WiFi Dongle requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Keep Clean:** Periodically wipe the exterior of the dongle with a soft, dry cloth to remove dust and debris. Avoid using liquid cleaners or solvents.
- **Proper Handling:** Always grasp the dongle by its body when inserting or removing it from a USB port. Avoid pulling by the connector.
- **Storage:** When not in use, store the dongle in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** While the dongle is largely driver-free, occasionally check the manufacturer's website (beertoy) for any updated drivers or firmware that may improve performance or compatibility.

7. TROUBLESHOOTING

If you encounter issues with your CF-812AC USB WiFi Dongle, refer to the following common problems

and solutions:

Problem	Possible Cause	Solution
Dongle not recognized / No WiFi networks visible.	<ul style="list-style-type: none">Not properly inserted.Driver not installed or corrupted.USB port issue.	<ul style="list-style-type: none">Ensure the dongle is fully inserted into the USB port.Try a different USB port.Reinstall drivers using the provided Drive Disc or download from the manufacturer's website.Restart your computer.
Slow connection speed or frequent disconnections.	<ul style="list-style-type: none">Interference from other devices.Distance from router.Outdated router firmware.Connecting to 2.4GHz band instead of 5GHz.	<ul style="list-style-type: none">Move closer to the WiFi router.Ensure there are no major obstructions (walls, large metal objects) between the dongle and router.Try connecting to the 5GHz band if available.Update your WiFi router's firmware.Minimize interference from other electronic devices.
Cannot connect to a specific WiFi network.	<ul style="list-style-type: none">Incorrect password.Network not broadcasting SSID.Router settings (e.g., MAC filtering).	<ul style="list-style-type: none">Double-check the WiFi password.Ensure the network is broadcasting its SSID.Temporarily disable MAC filtering on your router, or add the dongle's MAC address to the allowed list.Restart your router.

8. SPECIFICATIONS

Feature	Detail
Model	CF-812AC
Interface	USB 3.0
Antenna Standard	IEEE 802.11a/b/g/n/ac
Transmission Rate	1300Mbps (Max)
Frequency Band	2.4GHz / 5.8GHz (Dual-Band)
Frequency Range	2.412-2.472GHz, 5.180-5.825GHz
Security Features	WPA-PSK/WPA2-PSK, WPA/PA2, WEP
Operating System Support	Windows XP/7/8/8.1/10 (32-bit, 64-bit), Mac OS 10.9-10.14

Feature	Detail
Dimensions (approx.)	37.5mm x 17mm x 8.5mm (1.47in x 0.67in x 0.33in)
Color	Black

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official beertoy website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact beertoy customer support through their official channels.

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