

## Comfast CF-912AC

# COMFAST CF-912AC 1200Mbps Dual Band USB WiFi Adapter User Manual

Model: CF-912AC | Brand: COMFAST

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your COMFAST CF-912AC 1200Mbps Dual Band USB WiFi Adapter. Please read this manual thoroughly before using the device to ensure proper functionality and optimal performance.

The COMFAST CF-912AC is a high-speed wireless adapter designed to provide fast and stable internet connectivity for your desktop or laptop computer. Featuring dual-band capabilities (2.4GHz and 5GHz) and USB 3.0 interface, it supports the latest 802.11ac wireless standard for enhanced data transfer rates.

## PACKAGE CONTENTS

- 1x COMFAST CF-912AC 1200Mbps USB Wireless Adapter
- 1x CD Driver
- 1x English User Manual (this document)
- 1x Guarantee Card

# Package Content

- 1\*AC Wireless Adapter
- 1\*CD Driver
- 1\*Installation Guide



Image: Contents of the COMFAST CF-912AC adapter package, including the adapter, a driver CD, and documentation.

## SETUP INSTRUCTIONS

### 1. Driver Installation

Before connecting the adapter, it is recommended to install the necessary drivers. The driver CD included in the package contains the required software. If your computer does not have a CD drive, you can download the latest drivers from the official COMFAST website.

1. Insert the driver CD into your computer's CD-ROM drive.
2. Follow the on-screen instructions to complete the driver installation.
3. If prompted, restart your computer after installation.

*Note: For Windows 10, the adapter might be recognized automatically, but installing the official drivers is recommended for optimal performance and access to all features.*

### 2. Connecting the Adapter

Once the drivers are installed, you can connect the COMFAST CF-912AC adapter to your computer.

1. Locate an available USB 3.0 port on your computer. While compatible with USB 2.0, a USB 3.0 port is recommended for maximum performance.
2. Carefully insert the COMFAST CF-912AC USB WiFi Adapter into the USB port.
3. The operating system should detect the new hardware and configure it automatically.



Image: The COMFAST CF-912AC USB WiFi Adapter, showing its compact design and USB connector.



Image: The COMFAST CF-912AC adapter connected to a laptop, illustrating its use for wireless internet access.

## OPERATING INSTRUCTIONS

### Connecting to a Wireless Network

After successful installation, you can connect to an available Wi-Fi network.

1. Click on the network icon in your computer's system tray (usually in the bottom-right corner for Windows, top-right for Mac OS).
2. A list of available wireless networks will appear. Select your desired network.
3. Click "Connect" and enter the network security key (password) if prompted.
4. The adapter will establish a connection to the chosen network.

### Dual Band Operation (2.4GHz and 5GHz)

The COMFAST CF-912AC supports both 2.4GHz and 5GHz frequency bands. The 2.4GHz band offers wider coverage, while the 5GHz band provides faster speeds and less interference, ideal for streaming and gaming.

- If your router broadcasts both 2.4GHz and 5GHz networks (often with different names, e.g.,

"MyWiFi\_2.4G" and "MyWiFi\_5G"), you can choose which band to connect to.

- For optimal performance in close proximity to the router, connect to the 5GHz network.
- For better range and penetration through walls, connect to the 2.4GHz network.

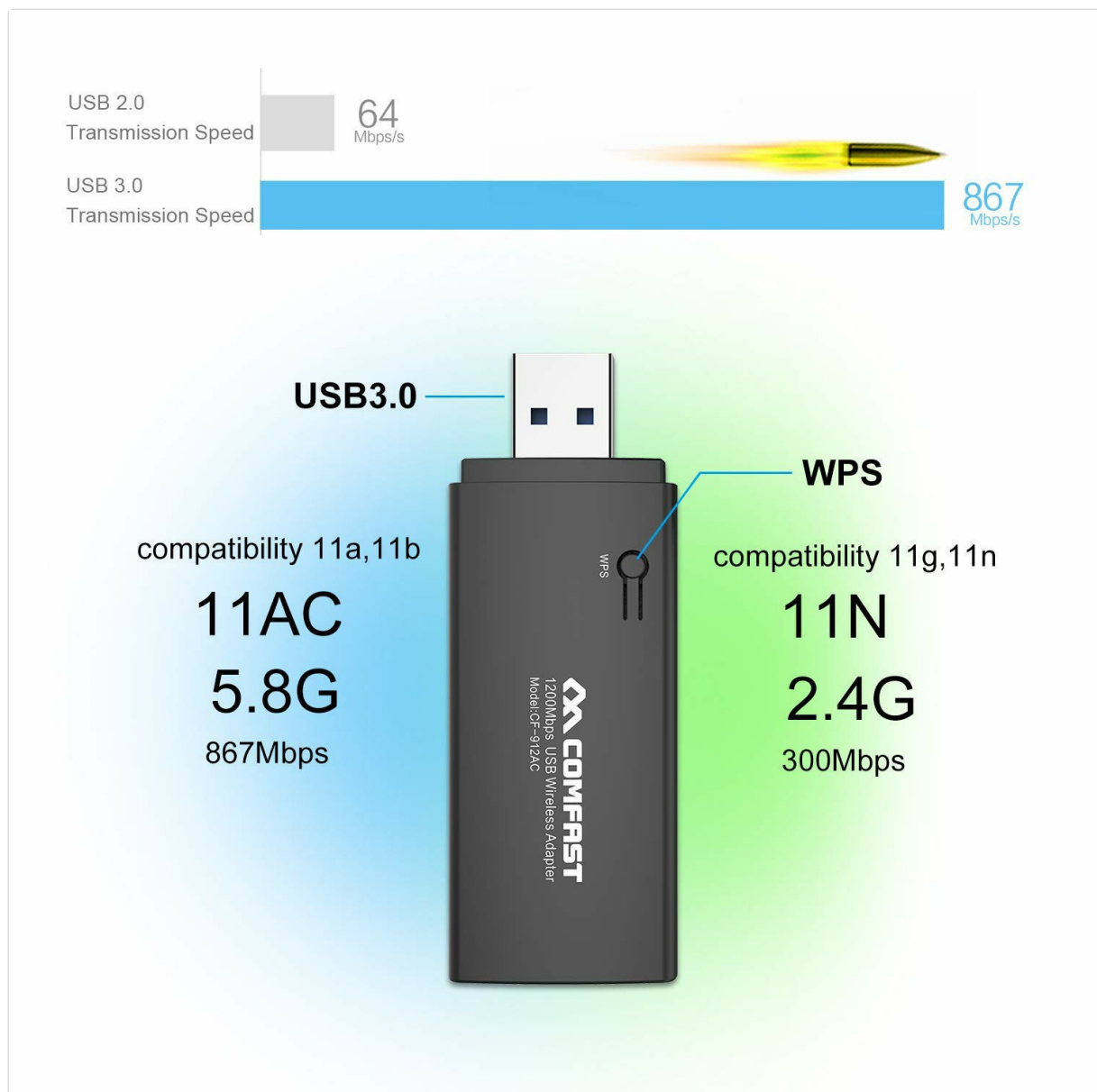


Image: Diagram illustrating the COMFAST CF-912AC's compatibility with 11AC (5.8G, 867Mbps) and 11N (2.4G, 300Mbps) bands, and USB 3.0 speed advantage.

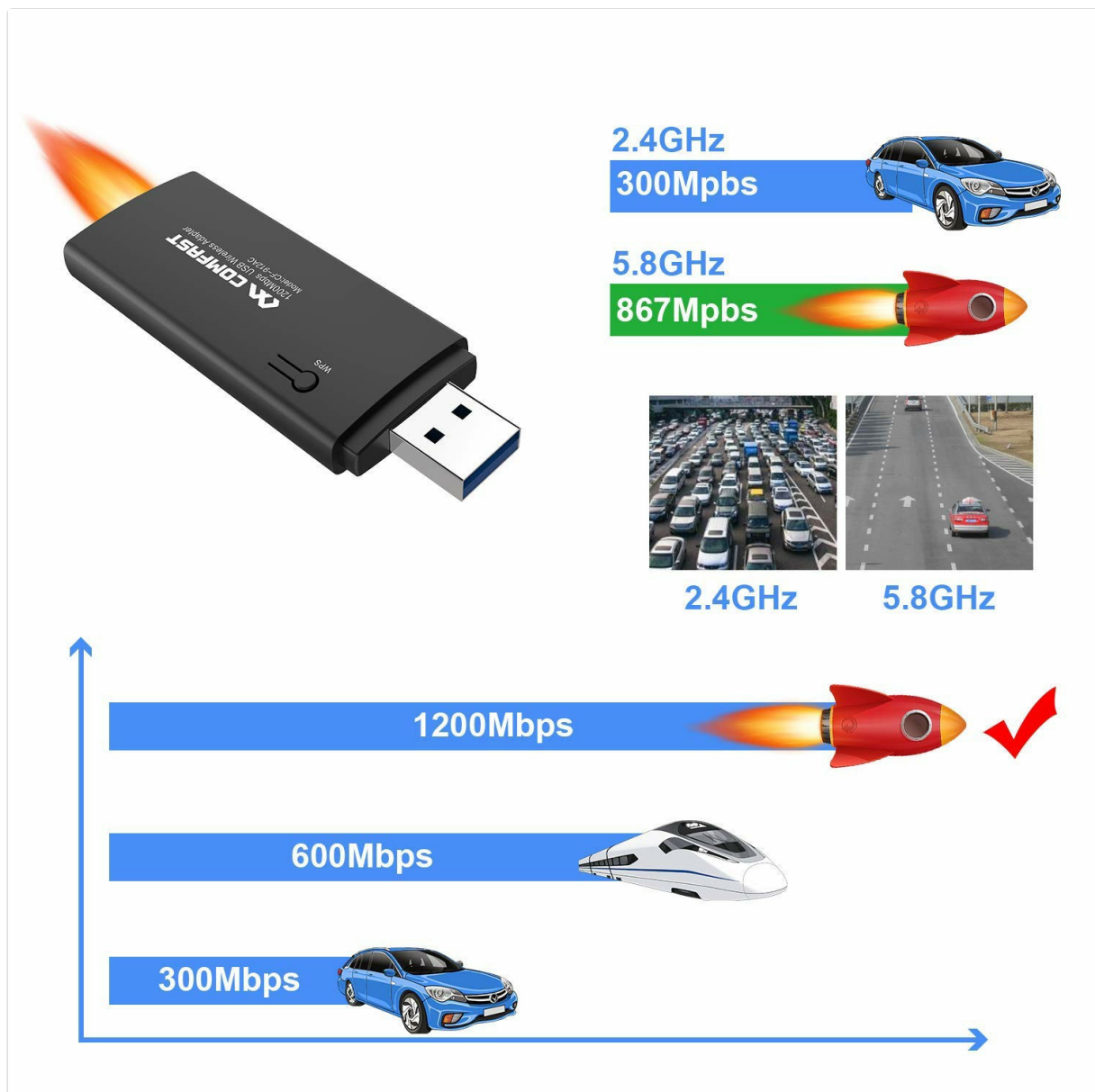


Image: Visual comparison of 2.4GHz and 5.8GHz performance, showing 1200Mbps speed advantage over 600Mbps and 300Mbps adapters.

## WPS (Wi-Fi Protected Setup)

The adapter supports WPS for quick and secure connection to compatible routers.

1. Press the WPS button on your wireless router.
2. Within two minutes, press the WPS button on the COMFAST CF-912AC adapter (if available, or initiate WPS from your computer's wireless utility).
3. The adapter will automatically connect to the router using secure encryption.

## MAINTENANCE

- 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. This will void the warranty.
- Ensure the adapter is securely plugged into the USB port to prevent accidental disconnection.

## TROUBLESHOOTING

Problem	Possible Solution
Adapter not detected or not working.	<ul style="list-style-type: none"><li>◦ Ensure the adapter is firmly plugged into a USB port.</li><li>◦ Try a different USB port.</li><li>◦ Reinstall the drivers from the provided CD or official website.</li><li>◦ Restart your computer.</li></ul>
Cannot connect to Wi-Fi network.	<ul style="list-style-type: none"><li>◦ Verify the Wi-Fi password is correct.</li><li>◦ Ensure your router is powered on and broadcasting a signal.</li><li>◦ Check if other devices can connect to the network.</li><li>◦ Restart your router and try again.</li></ul>
Slow connection speed.	<ul style="list-style-type: none"><li>◦ Ensure you are connected to the 5GHz band if available and close to the router.</li><li>◦ Reduce interference by moving the adapter away from other electronic devices.</li><li>◦ Update your router's firmware.</li><li>◦ Check your internet service provider's speed.</li></ul>
Frequent disconnections.	<ul style="list-style-type: none"><li>◦ Ensure the adapter is in a stable position and not easily bumped.</li><li>◦ Check for driver updates.</li><li>◦ Move closer to the wireless router.</li><li>◦ Adjust router channel settings to avoid interference.</li></ul>

## SPECIFICATIONS

Feature	Detail
Model	CF-912AC
Chipset	RTL8812AU
Antenna	Built-in Antenna
Frequency	2.4GHz / 5.8GHz Dual Band
Interface Type	USB 3.0 (Compatible with USB 2.0)
Wireless Speed	2.4G: 300Mbps, 5.8G: 867Mbps (Total 1200Mbps)
Wireless Standard	IEEE 802.11ac/a/b/g/n
Wireless Mode	Infrastructure and Ad-Hoc



Feature	Detail
Data Modulation	BPSK, QPSK, CKK, OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Security	64/128/152-digit WEP encryption, WPA/WPA-PSK, WPA2/WPA2-PSK, WPS One Key Encryption
Operating System	Windows 7/8/8.1/10/XP, MAC OS 10.6-10.11
Item Weight	44 g
Package Dimensions	11.3 x 9 x 2.3 cm



CD Disk



802.11ac



external+internal

Antennas



Great Compatibility



64/128/152  
digit WEP encryption,  
WPA/WPA-PSK,  
WPA2/WPA2-PSK

High Security



FCC CE RoHS

Strict Standard



Image: Icons representing key features: CD Disk for drivers, 802.11ac standard, internal antennas, broad compatibility, high security, and adherence to strict standards.



# Gigabit Double Frequency AC Router

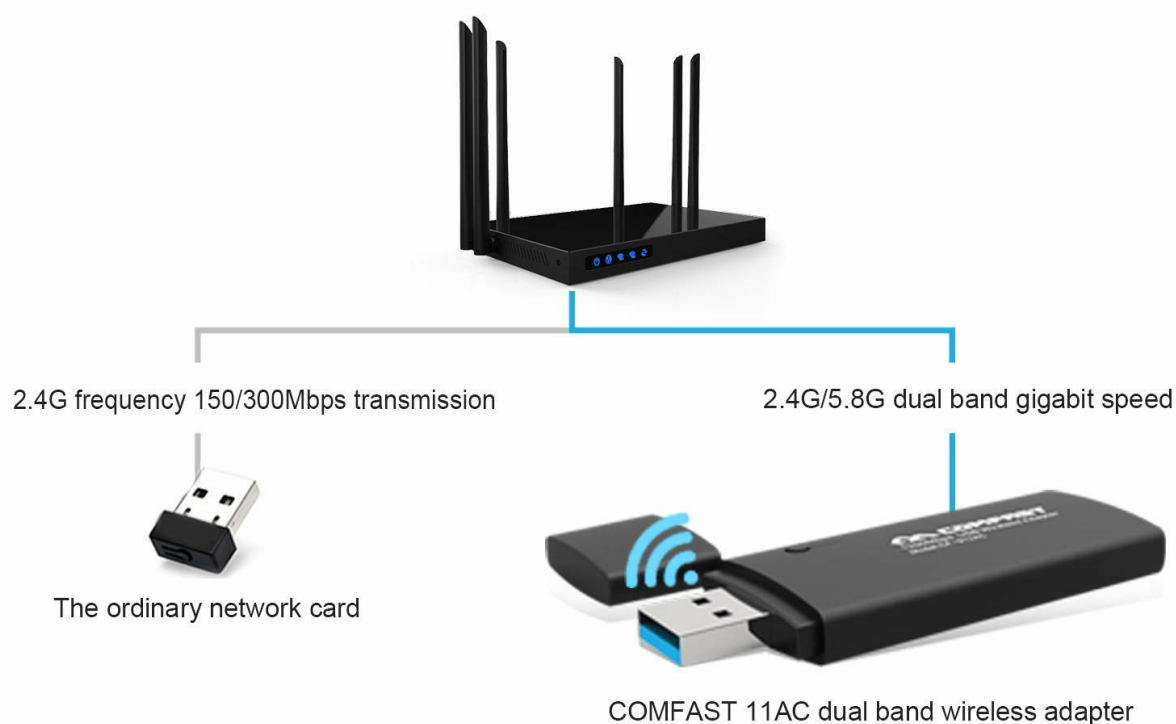


Image: Diagram showing the COMFAST 11AC dual band wireless adapter connected to a Gigabit Double Frequency AC Router, highlighting its superior performance compared to an ordinary network card.

## WARRANTY INFORMATION

The COMFAST CF-912AC USB WiFi Adapter comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes.




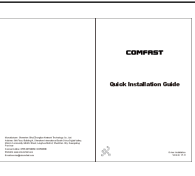


Please retain your purchase receipt as proof of purchase for warranty claims. For warranty service, contact COMFAST customer support.

## CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your COMFAST CF-912AC adapter that are not addressed in this manual, please contact COMFAST customer support.

- Refer to the contact information provided on the Guarantee Card included in your package.
- Visit the official COMFAST website for support resources, driver downloads, and contact details.

## Related Documents - CF-912AC

	<p><a href="#">COMFAST WiFi 6 Wireless Adapter Quick Installation Guide</a></p> <p>A comprehensive guide to installing and setting up your COMFAST WiFi 6 wireless adapter, covering hardware installation, driver setup, network connection, and Bluetooth pairing.</p>
	<p><a href="#">COMFAST CF-B01 WiFi USB Adapter User Manual</a></p> <p>Comprehensive user manual for the COMFAST CF-B01 WiFi USB adapter, detailing hardware installation, driver download and installation, product parameters, features, warranty conditions, and EU declaration of conformity.</p>
	<p><a href="#">COMFAST Quick Installation Guide: Wireless USB Adapter Setup</a></p> <p>A comprehensive guide for installing COMFAST wireless USB adapters, covering hardware setup, driver installation, network connection, and essential maintenance information. Get your COMFAST WiFi adapter up and running quickly.</p>
	<p><a href="#">COMFAST WiFi Adapter Quick Installation Guide</a></p> <p>This guide provides step-by-step instructions for installing and connecting your COMFAST WiFi adapter, covering hardware setup, driver installation, network connection, and troubleshooting. Includes information in English, Italian, French, Spanish, and German.</p>
	<p><a href="#">COMFAST CF-WR758AC Wireless Expander/Repeater Quick Installation Guide</a></p> <p>A quick installation guide for the COMFAST CF-WR758AC Wireless Expander/Repeater, detailing product structure, setup steps, operating modes, and FAQs.</p>
	<p><a href="#">COMFAST Wireless Expander/Repeater Quick Installation Guide</a></p> <p>A quick installation guide for the COMFAST Wireless Expander/Repeater, covering product structure, setup steps, working modes (AP, Router, Repeater), WiFi settings, IPv6 configuration, Mesh setup, and troubleshooting.</p>

