

Comfast CF-WU720N

Comfast CF-WU720N Wireless USB Adapter User Manual

Model: CF-WU720N

1. INTRODUCTION

The Comfast CF-WU720N is a compact 150Mbps Wireless USB Adapter designed to provide high-speed wireless connectivity for your desktop or notebook computer. It allows you to connect to a wireless network and access the internet, share files, and enjoy online gaming at speeds up to 150Mbps. This adapter is compliant with IEEE 802.11b/g/n standards and supports USB 2.0 for efficient data transfer.



Image 1.1: The Comfast CF-WU720N Wireless USB Adapter, a compact device for wireless connectivity.

2. PRODUCT FEATURES

- Meets IEEE 802.11b/g/n wireless standards.

- Supports USB 2.0 interface for broad compatibility.
- Utilizes Realtek 8191 SU chipset for reliable performance.
- Achieves wireless connection rates up to 150Mbps.
- Supports wireless roaming technology for seamless connectivity.
- Strong compatibility with various popular operating systems.
- Compact size: approximately 39 x 12 x 7mm (1.5 x 0.7 x 0.3 inches).
- Lightweight design: approximately 5g.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x Comfast CF-WU720N Wireless USB Adapter
- 1 x Quick Installation Guide
- 1 x CD-ROM Driver
- 1 x Warranty Card



Image 3.1: The retail packaging for the Comfast CF-WU720N, showing the adapter inside.

4. SETUP AND INSTALLATION

4.1. Driver Installation

Before connecting the USB adapter, it is recommended to install the necessary drivers from the provided CD-ROM. This ensures proper functionality and compatibility with your operating system.

1. Insert the driver CD-ROM into your computer's optical drive.
2. If the installer does not launch automatically, navigate to "My Computer" or "This PC," open the CD-ROM drive, and run the setup executable (e.g., "setup.exe" or "autorun.exe").
3. Follow the on-screen instructions to complete the driver installation. You may be prompted to restart your computer after installation.
4. *Note:* If your computer does not have an optical drive, you may need to download the latest drivers from the manufacturer's official website.

4.2. Connecting the USB Adapter

Once the drivers are installed, you can connect the Comfast CF-WU720N Wireless USB Adapter to your computer.

1. Locate an available USB 2.0 or 3.0 port on your desktop or laptop computer.
2. Carefully insert the Comfast CF-WU720N adapter into the USB port. Ensure it is fully seated.
3. The operating system should automatically detect the adapter and configure it using the installed drivers. A small LED indicator on the adapter may light up or blink, indicating activity.



Image 4.1: The Comfast CF-WU720N adapter with its protective cap removed, revealing the USB connector. Image 4.2: A side view of the adapter, highlighting its compact design and USB interface.

5. OPERATING INSTRUCTIONS

After successful driver installation and adapter connection, you can now connect to a wireless network.

1. **Access Network Settings:**
 - **Windows:** Click the wireless network icon in the system tray (usually bottom-right corner).
 - **macOS:** Click the Wi-Fi icon in the menu bar (usually top-right corner).
 - **Linux:** Access network settings through your desktop environment's network manager.
2. **Select Your Network:** A list of available wireless networks (SSIDs) will appear. Select the name of your desired network.
3. **Connect:** Click "Connect" or "Join." If the network is secured, you will be prompted to enter the network security key (password).
4. **Confirm Connection:** Once connected, the network icon will typically change to indicate a successful connection, and you should be able to access the internet.

6. MAINTENANCE

To ensure optimal performance and longevity of your Comfast CF-WU720N Wireless USB Adapter, follow these simple maintenance guidelines:

- **Keep Clean:** Gently wipe the adapter with a soft, dry cloth to remove dust. Avoid using liquid cleaners or solvents.
- **Protect USB Connector:** When not in use, keep the protective cap on the USB connector to prevent dust and damage.
- **Avoid Extreme Conditions:** Do not expose the adapter to extreme temperatures, humidity, or direct sunlight.
- **Handle Carefully:** Avoid dropping or subjecting the adapter to strong impacts.
- **Driver Updates:** Periodically check the manufacturer's website for updated drivers to ensure the best performance and compatibility.



Image 6.1: The Comfast CF-WU720N adapter with its protective cap in place, ready for storage or transport.

7. TROUBLESHOOTING

If you encounter issues with your Comfast CF-WU720N Wireless USB Adapter, refer to the following common solutions:

Problem	Possible Solution
Adapter not detected / No Wi-Fi networks visible.	<ul style="list-style-type: none">◦ Ensure the adapter is fully inserted into a working USB port.◦ Verify that drivers are correctly installed. Reinstall drivers if necessary.◦ Try a different USB port.◦ Restart your computer.
Cannot connect to a specific Wi-Fi network.	<ul style="list-style-type: none">◦ Double-check the Wi-Fi password (security key).◦ Ensure you are within range of the wireless router.◦ Restart your wireless router/access point.◦ Check if the network has MAC address filtering enabled (consult your router's manual).

Problem	Possible Solution
Slow connection speed or frequent disconnections.	<ul style="list-style-type: none">◦ Move closer to the wireless router to improve signal strength.◦ Ensure there are no obstructions (walls, large metal objects) between the adapter and the router.◦ Update the adapter's drivers to the latest version.◦ Check for interference from other devices (e.g., cordless phones, microwaves).◦ Verify your internet service provider's speed.

8. SPECIFICATIONS

Feature	Detail
Model	CF-WU720N
Wireless Standards	IEEE 802.11b/g/n
Interface	USB 2.0
Chipset	Realtek 8191 SU
Wireless Speed	Up to 150Mbps
Frequency Range	2.4 GHz
Security Features	WPA/WPA2, WPA-PSK/WPA2-PSK, 64/128-bit WEP
Operating Systems	Windows XP/Vista/7/8/10, macOS, Linux (driver dependent)
Dimensions (L x W x H)	Approx. 39 x 12 x 7 mm (1.5 x 0.7 x 0.3 inches)
Weight	Approx. 5g

9. WARRANTY AND SUPPORT

This product comes with a warranty as specified on the included Warranty Card. Please refer to the card for details regarding warranty period, terms, and conditions.

For technical support, driver updates, or further assistance, please visit the official Comfast website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

Please retain your purchase receipt for warranty purposes.