

Comfast CF-WU782AC

COMFAST CF-WU782AC Wireless Repeater User Manual

Model: CF-WU782AC

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your COMFAST CF-WU782AC Wireless Repeater. This device is designed to extend your existing Wi-Fi signal, providing a more stable and wider coverage area for your wireless network. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

- Keep the device away from water, fire, high humidity, or hot environments.
- Do not attempt to disassemble, repair, or modify the device. This will void the warranty.
- Use only the power adapter provided or recommended by the manufacturer.
- Ensure proper ventilation around the device to prevent overheating.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check the package for the following items:

- COMFAST CF-WU782AC Wireless Repeater Unit
- User Manual (this document)
- Installation CD (if applicable, for older OS drivers)

4. PRODUCT OVERVIEW

The COMFAST CF-WU782AC is a high-power wireless repeater designed to enhance your Wi-Fi coverage. It features dual antennas for improved signal strength and a compact design for easy placement.

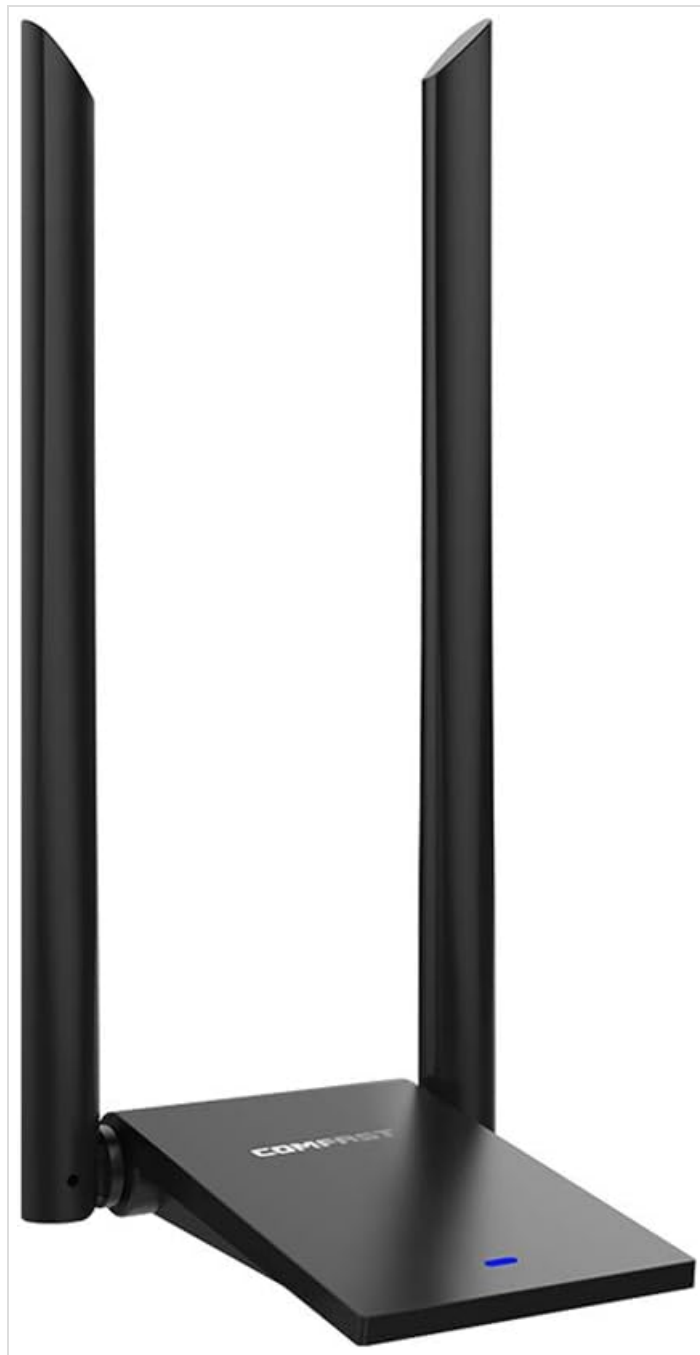


Figure 4.1: Front view of the COMFAST CF-WU782AC Wireless Repeater, showing the main unit with two adjustable antennas and a blue LED indicator light.



Figure 4.2: Side view of the COMFAST CF-WU782AC Wireless Repeater, highlighting the USB port for connection to a computer.

Component Description:

- **Antennas:** Two external antennas for optimal signal reception and transmission.
- **USB Connector:** Used to connect the device to a computer's USB port.
- **LED Indicator:** A blue LED light indicating power and connection status.
- **RJ45 Port:** (If applicable, based on specifications) For wired network connection.

5. SETUP

The COMFAST CF-WU782AC supports drive-free auto installation for most modern operating systems. For older systems like Windows XP, a driver installation may be required.

Drive-free Auto Installation

Insert the free drive network adapter into the computer USB interface, and can be automatically installed as WiFi reception

for Windows 7

for Windows 8

for Windows 8.1

for Windows 10

*for Windows XP need to download additional driver installation packages



Figure 5.1: Illustration showing the drive-free auto installation process for the COMFAST CF-WU782AC, compatible with Windows 7, 8, 8.1, and 10. Windows XP may require additional driver installation.

Initial Installation Steps:

1. **Connect the Device:** Insert the COMFAST CF-WU782AC into an available USB port on your computer.
2. **Automatic Driver Installation:** For Windows 7/8/8.1/10 (32-bit and 64-bit), the system should automatically detect and install the necessary drivers. Wait for the installation to complete.
3. **Manual Driver Installation (Windows XP):** If you are using Windows XP, you may need to download and install the driver package from the official COMFAST website or use the provided installation CD.
4. **Verify Installation:** Once installed, the blue LED indicator on the device should light up, and you should see the device listed in your computer's network adapters.

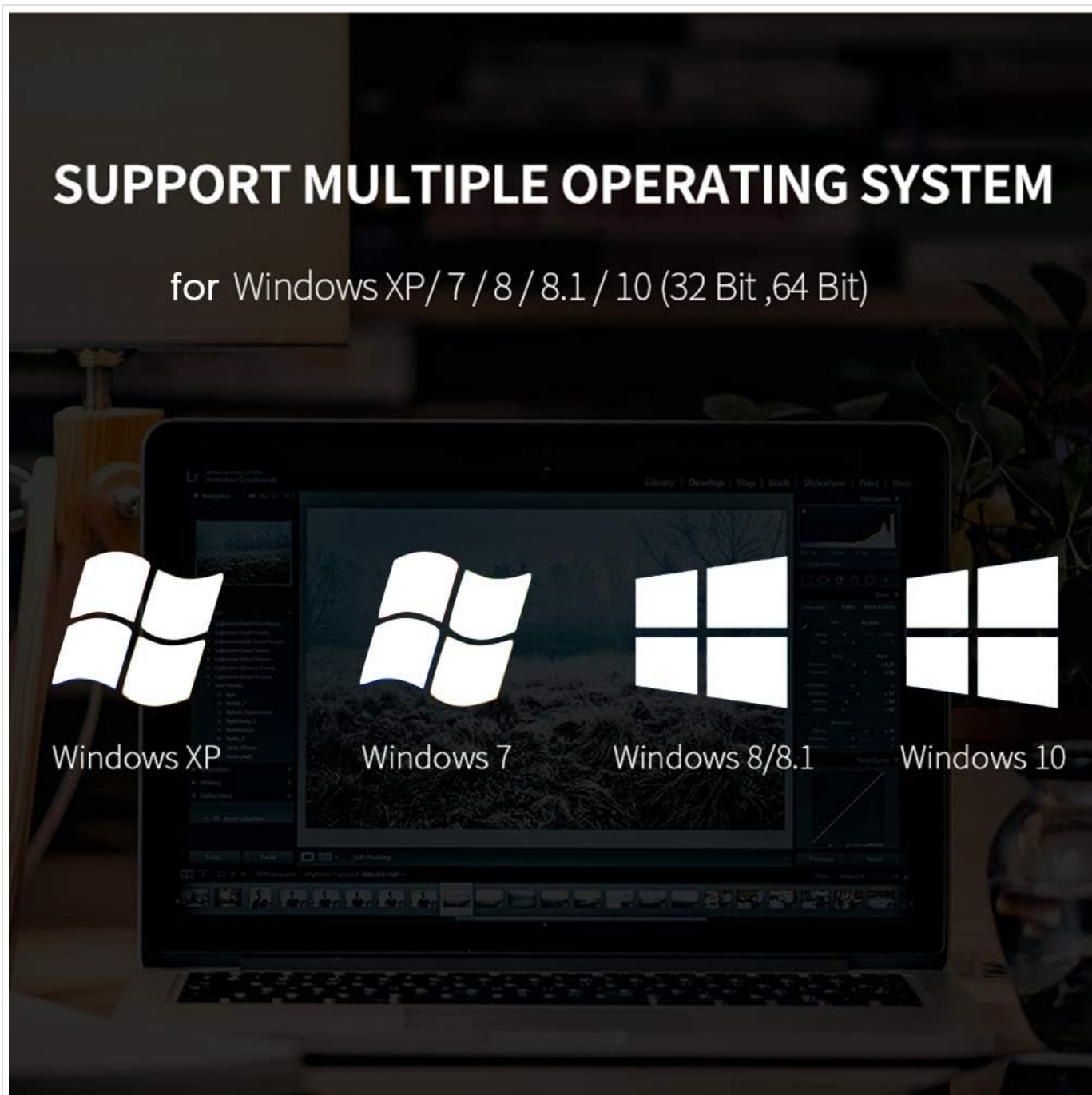


Figure 5.2: Diagram illustrating the broad operating system compatibility of the COMFAST CF-WU782AC, including Windows XP, 7, 8, 8.1, and 10 (both 32-bit and 64-bit versions).

6. OPERATING

After successful installation, the COMFAST CF-WU782AC functions as a wireless adapter or repeater, extending your Wi-Fi capabilities.

Using as a Wireless Adapter:

1. Ensure the device is connected to your computer's USB port.
2. Open your computer's network settings.
3. Select the COMFAST CF-WU782AC as your wireless adapter.
4. Scan for available Wi-Fi networks and connect to your desired network using its password.

Performance and Speed:

The CF-WU782AC supports dual-band operation (2.4GHz and 5.8GHz) with a maximum data transfer rate of 1300Mbps, providing faster transmission for activities like gaming and streaming.

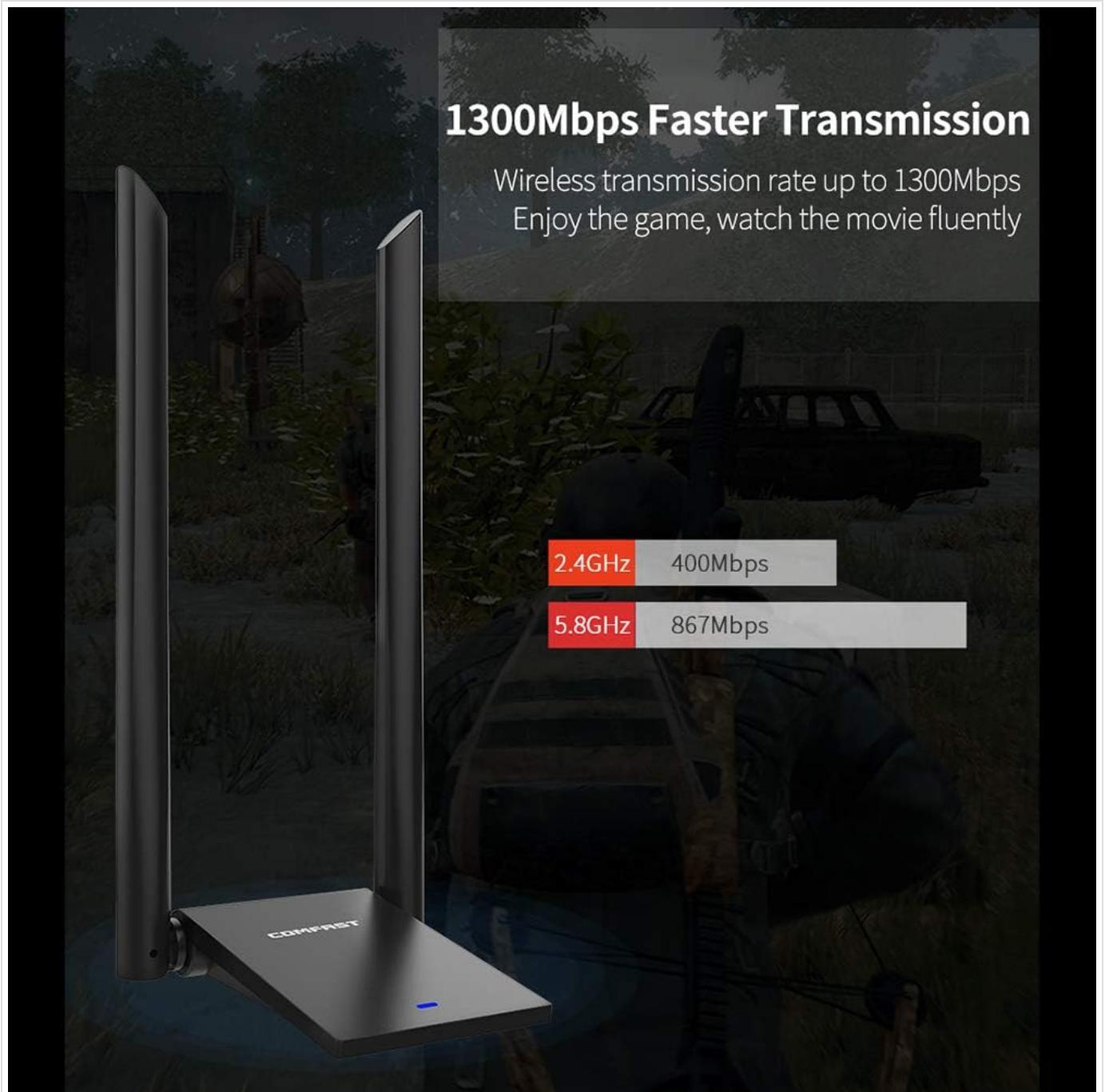


Figure 6.1: Visual representation of the 1300Mbps faster transmission capability, showing 2.4GHz at 400Mbps and 5.8GHz at 867Mbps, ideal for high-bandwidth applications.

7. MAINTENANCE

To ensure the longevity and optimal performance of your COMFAST CF-WU782AC, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in an area with good airflow to prevent overheating. Avoid covering the device.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the official COMFAST website for any available firmware updates to improve

performance and security.

8. TROUBLESHOOTING

If you encounter issues with your COMFAST CF-WU782AC, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not detected by computer.	Loose USB connection, faulty USB port, driver not installed.	Try a different USB port. Restart your computer. Reinstall drivers, especially for Windows XP.
No Wi-Fi networks found.	Wi-Fi disabled on computer, device not properly installed, out of range.	Ensure Wi-Fi is enabled. Check device manager for proper installation. Move closer to the Wi-Fi router.
Slow connection speed.	Interference, distance from router, network congestion.	Reduce interference (e.g., from other electronics). Move closer to the router. Check for other devices consuming bandwidth.
Blue LED not lit.	No power, device not properly connected.	Ensure the device is firmly plugged into a working USB port.

9. SPECIFICATIONS

Detailed technical specifications for the COMFAST CF-WU782AC Wireless Repeater:

Feature	Detail
Model	CF-WU782AC
Brand	Comfast
Data Transfer Rate	1300 Mbps (400Mbps for 2.4GHz, 867Mbps for 5.8GHz)
Frequency Band Class	Dual-Band (2.4GHz & 5.8GHz)
Antenna Type	Dual Antennas
Connector Type	USB 3.0 & USB 2.0 (backward compatible)
Special Features	LED Indicator, Drive-free Installation (for Windows 7/8/8.1/10)
Operating System Support	Windows XP/7/8/8.1/10 (32-bit, 64-bit)
Working Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Operation Humidity	10% ~ 90% RH Non-condensing
Storage Humidity	5% ~ 90% RH Non-condensing

Model :	C7060	C7061	C7062
Chip	RTL8188GU	RTL8811CU	MT7612UN
Wireless Transmission Rate	150Mbps	600Mbps	1300Mbps
Wireless Frequency	2.4Ghz	2.4Ghz&5.8Ghz	2.4Ghz&5.8Ghz
Free Driver	Support	Support	Support
USB	USB 2.0	USB 2.0	USB3.0&USB2.0
Antenna	2.4Ghz Antenna	Dual Band Antenna	Dual Band Antenna
Suitable Users	Common user meet basic wireless requirement	Pursue a faster wireless experience user Can be matched with dual-band routers	High network speed requirements user Game,Live broadcast, video etc.
Support Free Driver System	for Windows 7/8/8.1/10(32Bit,64Bit) for Windows XP need download the driver installation package		
Work Environment	Working Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operation Humidity: 10%~90%RH Non condensing Storage Humidity: 5%~90%RH Non condensing		

Figure 9.1: Comparison table detailing specifications for COMFAST models C7060, C7061, and C7062, highlighting the CF-WU782AC (likely C7062 based on 1300Mbps) features.

10. WARRANTY AND SUPPORT

COMFAST products are designed for reliability and performance. For warranty information and technical support, please refer to the following:

- **Warranty:** Please retain your proof of purchase for warranty claims. The warranty period and terms may vary by region. Refer to the warranty card included with your product or visit the official COMFAST website for detailed information.
- **Technical Support:** For technical assistance, troubleshooting, or driver downloads, please visit the official COMFAST support website. You can typically find FAQs, driver updates, and contact information for customer service there.
- **Online Resources:**
 - Official COMFAST Website: www.comfast.com.cn (Note: This is a placeholder URL, please verify the actual official website)

- Driver Downloads: Check the support section of the official website for the latest drivers for your specific operating system.

ASK A QUESTION ABOUT THIS MANUAL

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