

StarTech.com USB867WAC22

StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter User Manual

Model: USB867WAC22

INTRODUCTION

This manual provides comprehensive instructions for the StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter (Model: USB867WAC22). This adapter enables Wireless-AC connectivity for desktop or laptop computers via a USB 3.0 port, offering enhanced speed and range for demanding network applications.

The adapter supports dual-band operation (2.4GHz and 5GHz) with data rates up to 867 Mbps on the 5GHz band and up to 300 Mbps on the 2.4GHz band. It is backward compatible with 802.11a/b/g/n networks and features a 2T2R antenna design with a WPS button for easy setup.

PACKAGE CONTENTS

- StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter (USB867WAC22)
- Quick-start guide
- Driver CD



Image: The StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter shown with its retail packaging and included driver CD.

SETUP INSTRUCTIONS

System Requirements

- Available USB 3.0 port (backward compatible with USB 2.0, but 3.0 recommended for optimal performance)
- Operating System: Windows 10, Windows 8, Windows 7, Windows Server 2016, Windows Server 2019, macOS (El Capitan 10.11, Sierra 10.12, High Sierra 10.13, Mojave 10.14), Linux.

Driver Installation

1. **Download Drivers:** Visit the official StarTech.com website and navigate to the support page for model USB867WAC22. Download the latest drivers compatible with your operating system. While a driver CD may be included, downloading the latest version online is recommended for best performance and compatibility.
2. **Install Drivers:** Run the downloaded driver installation package. Follow the on-screen prompts to complete the installation. Administrator privileges may be required.
3. **Restart System:** After the driver installation is complete, restart your computer if prompted.

Connecting the Adapter

1. **Insert Adapter:** Carefully insert the USB 3.0 AC1200 Wireless-AC Network Adapter into an available USB 3.0 port on your desktop or laptop computer. Ensure it is fully seated.
2. **Verify Connection:** Once inserted, the adapter's indicator light should illuminate, indicating it is powered on and active. Your operating system should recognize the new network adapter.



Image: The adapter actively connected to a laptop, with its green indicator light illuminated, signifying operation.

Connecting to a Wireless Network

1. **Access Network Settings:**
 - **Windows:** Click the Wi-Fi icon in the system tray (bottom-right corner of the taskbar).
 - **macOS:** Click the Wi-Fi icon in the menu bar (top-right corner of the screen).
 - **Linux:** Access network settings through your distribution's system tray or settings menu.
2. **Select Network:** A list of available wireless networks will appear. Select your desired network (SSID).
3. **Enter Password:** If the network is secured, enter the network security key (Wi-Fi password) and click "Connect".
4. **WPS (Wi-Fi Protected Setup):** For routers supporting WPS, you can press the WPS button on the adapter and then on your router within two minutes to establish a secure connection without entering a password. Refer to your router's manual for WPS instructions.
5. **Confirm Connection:** Once connected, the Wi-Fi icon will indicate a successful connection, and you should have internet access.

Optimizing Performance

- **USB 3.0 Port:** Always use a USB 3.0 port for maximum data transfer speeds (up to 867 Mbps on 5GHz). USB 2.0 ports will limit performance.
- **5GHz Band:** For faster speeds and less interference, connect to the 5GHz band of your router if available. The 2.4GHz band offers wider range but lower speeds.
- **Router Placement:** Position your wireless router in a central location, away from obstructions and interference sources (e.g., microwaves, cordless phones).
- **Driver Updates:** Regularly check the StarTech.com website for updated drivers to ensure optimal performance and compatibility.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, ideally with its protective cap on the USB connector to prevent dust and damage.
- **Firmware Updates:** Periodically check the StarTech.com support website for any available firmware updates for your adapter.

TROUBLESHOOTING

| Problem | Possible Cause / Solution |
|--|--|
| Adapter not recognized / No indicator light | Ensure the adapter is fully inserted into the USB port. Try a different USB port on your computer. Verify that the necessary drivers are installed correctly. Reinstall if unsure. Restart your computer. |

| Problem | Possible Cause / Solution |
|---------------------------------|--|
| Slow connection speeds | <p>Ensure you are connected to a USB 3.0 port.</p> <p>Connect to the 5GHz band of your router if available.</p> <p>Reduce distance between adapter and router, or remove obstructions.</p> <p>Check for interference from other electronic devices.</p> <p>Update network adapter drivers.</p> |
| Frequent disconnections | <p>Ensure power management settings for USB ports are not set to turn off the device to save power (especially in Windows Device Manager).</p> <p>Move closer to the wireless router.</p> <p>Check for conflicting software or drivers.</p> <p>Update network adapter drivers.</p> |
| Cannot connect to Wi-Fi network | <p>Verify the correct Wi-Fi password/security key is entered.</p> <p>Ensure your router is broadcasting its SSID.</p> <p>Try restarting your router and modem.</p> <p>Check if the adapter is enabled in your operating system's network settings.</p> |

SPECIFICATIONS

- **Model:** USB867WAC22
- **Wireless Type:** 802.11a/b/g/n/ac
- **Data Transfer Rate:** Up to 867 Mbps (5GHz), Up to 300 Mbps (2.4GHz)
- **Host Interface:** USB 3.0 (backward compatible with USB 2.0)
- **Antenna Configuration:** 2 Transmitter/2 Receiver (2x2:2)
- **Frequency Bands:** Dual band 2.4 GHz / 5 GHz
- **Operating System Compatibility:** Windows 10, Windows 8, Windows 7, Windows Server 2016, Windows Server 2019, macOS (El Capitan 10.11, Sierra 10.12, High Sierra 10.13, Mojave 10.14), Linux
- **Dimensions (LxWxH):** Approximately 5.08 x 2.09 x 0.79 inches (12.9 x 5.3 x 2.0 cm)
- **Item Weight:** Approximately 0.64 ounces (18.14 g)
- **Color:** Black
- **Country of Origin:** Taiwan

WARRANTY AND SUPPORT

The StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter is backed by a StarTech.com warranty with free lifetime technical support.

For detailed warranty information or technical assistance, please visit the official StarTech.com support website or contact their customer service directly.

Online Resources:

- [StarTech.com Official Website](#)
- [StarTech.com Support Page](#)

Product Images



Image: The StarTech.com USB 3.0 AC1200 Dual Band Wireless-AC Network Adapter with its protective cap removed, revealing the blue USB 3.0 connector.





Image: A top-down view of the adapter, highlighting the StarTech.com logo and the indicator light area.



Image: A side view of the adapter, clearly showing the WPS (Wi-Fi Protected Setup) button for easy network connection.



Image: The adapter actively connected to a laptop, with its green indicator light illuminated, signifying operation.

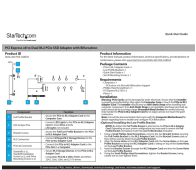
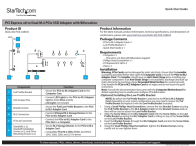
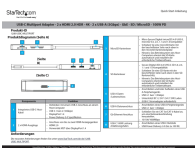
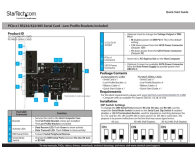
Official Product Videos

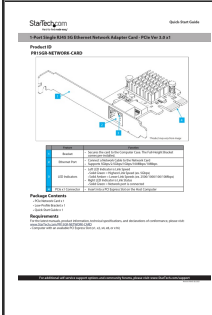
No official product videos from the seller are available for embedding at this time.

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This manual is for informational purposes only. Specifications are subject to change without notice.

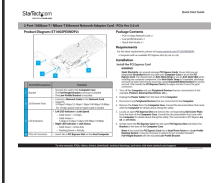
Related Documents - USB867WAC22

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|---|--|
|  | <p>StarTech.com DUAL-M2-PCIE-CARD-B: PCIe x8 to Dual M.2 SSD Adapter with Bifurcation - Quick Start Guide</p> <p>Install and configure the StarTech.com DUAL-M2-PCIE-CARD-B, a PCIe x8 adapter card enabling two M.2 SSDs with bifurcation support. Includes package contents, requirements, installation steps, and regulatory information.</p> |
|  | <p>StarTech.com DUAL-M2-PCIE-CARD-B PCIe x8 to Dual M.2 Adapter Installation Guide</p> <p>Quick-start guide for the StarTech.com DUAL-M2-PCIE-CARD-B adapter, detailing how to install two M.2 PCIe SSDs into a single PCIe x8 or x16 slot with bifurcation support.</p> |
|  | <p>StarTech.com 120B-USBC-MULTIPORT USB-C Multiport Adapter Quick Start Guide</p> <p>Quick start guide for the StarTech.com 120B-USBC-MULTIPORT USB-C Multiport Adapter. This adapter features dual HDMI 2.0 HDR 4K outputs, two USB-A 5Gbps ports, Gigabit Ethernet, SD and MicroSD card readers, and 100W Power Delivery pass-through for your computer.</p> |
|  | <p>StarTech.com PCIe x1 RS232/422/485 Serial Card - Quick Start Guide</p> <p>Comprehensive guide for installing and configuring the StarTech.com PCIe x1 RS232/422/485 Serial Card. Includes installation steps, driver setup for Windows and Linux, DIP switch settings, and DB9 pinout information.</p> |



[StarTech.com PR15GR-NETWORK-CARD 5G Ethernet PCIe Adapter Card - Quick-Start Guide](#)

This quick-start guide provides installation and driver setup instructions for the StarTech.com PR15GR-NETWORK-CARD, a 1-Port Single RJ45 5G Ethernet Network Adapter Card for PCIe Ver 3.0 x1.



[StarTech.com 2-Port 10GbE PCIe Network Adapter Card - ST10GSPEXNDP2 Quick Start Guide](#)

Quick start guide for the StarTech.com 2-Port 10GBase-T / NBase-T Ethernet Network Adapter Card (PCIe Ver 3.0 x4), model ST10GSPEXNDP2. Includes installation, driver setup, and compliance information.