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ASUS USB-AC68

ASUS USB-AC68 AC1900 Dual-band USB 3.0 WiFi Adapter User Manual

MODEL: USB-AC68

Brand: ASUS

Introduction

The ASUS USB-AC68 is a high-performance dual-band AC1900 Wi-Fi adapter designed to upgrade the wireless capabilities of desktops and laptops. It features dual internal and three-position external antennas, along with ASUS AiRadar beamforming technology, to provide extended coverage and enhanced throughput. The included USB 3.0 cradle offers flexible placement options for optimal signal reception, while the foldable antennas ensure portability.

Package Contents

Please check that all items are present in your package:

- ASUS USB-AC68 Dual-Band AC1900 USB WiFi Adapter
- Support CD (containing drivers and utility software)
- USB extension cable (for use with the cradle)
- Warranty card

Product Overview



Figure 1: ASUS USB-AC68 WiFi Adapter in its cradle with antennas extended, ready for desktop use.



Figure 2: ASUS USB-AC68 WiFi Adapter with antennas folded, suitable for direct laptop connection or portability.

Setup Instructions

Follow these steps to install your ASUS USB-AC68 WiFi Adapter:

1. **Install Drivers:** Before connecting the adapter, insert the included Support CD into your computer's optical drive and follow the on-screen instructions to install the necessary drivers and utility software. If your computer does not have an optical drive, or for the latest drivers, visit the official ASUS support website for the USB-AC68 model.
2. **Connect the Adapter:**
    - **Direct Connection:** For laptops or compact setups, plug the USB-AC68 adapter directly into an available USB 3.0 port on your computer.
    - **Using the Cradle:** For desktops or to optimize signal reception, connect the USB-AC68 adapter to the provided USB 3.0 cradle. Then, connect the cradle's USB cable to an available USB 3.0 port on your computer. Position the cradle and adapter for best signal strength, typically away from obstructions.
3. **Antenna Adjustment:** Extend the external antennas on the adapter to their desired position. The three-position design allows for flexibility in optimizing signal reception.
4. **Verify Installation:** Once connected, the adapter's LED indicator should illuminate, typically blue, indicating it is powered on and functioning. Your operating system should recognize the device.

Operating Instructions

After successful installation, follow these steps to connect to a Wi-Fi network:

1. **Access Wi-Fi Settings:**
    - **Windows:** Click the Wi-Fi icon in the system tray (bottom-right corner of the screen).
    - **macOS:** Click the Wi-Fi icon in the menu bar (top-right corner of the screen).
2. **Select Network:** A list of available Wi-Fi networks will appear. Select your desired network (SSID).
3. **Enter Password:** If prompted, enter the network security key (Wi-Fi password) and click "Connect."
4. **Confirm Connection:** Once connected, the Wi-Fi icon will indicate an active connection, and the adapter's LED may change or remain steady. You should now have internet access.
5. **Optimize Placement (with Cradle):** If using the cradle, experiment with its placement and antenna orientation to achieve the strongest and most stable Wi-Fi signal.

Troubleshooting

If you encounter issues with your ASUS USB-AC68 adapter, consider the following:

- **No Wi-Fi Networks Detected:**
  - Ensure the adapter is securely plugged into a USB 3.0 port.
  - Verify that the adapter's drivers are correctly installed. Check Device Manager (Windows) or System Information (macOS) to confirm the device is recognized without errors.
  - Confirm your Wi-Fi router is powered on and broadcasting a signal.
  - Adjust the adapter's antenna position for better reception.
- **Slow Connection Speed:**
  - Ensure you are connected to the 5GHz band if available, as it generally offers higher speeds (though shorter range).
  - Minimize physical obstructions between the adapter and your router.
  - Update your router's firmware and the adapter's drivers to the latest versions from the ASUS website.
  - Check for interference from other electronic devices.
- **Frequent Disconnections:**
  - Disable power-saving features for the USB port or the network adapter in your operating system's power management settings.
  - Ensure the adapter is not overheating. Provide adequate ventilation.
  - Try a different USB 3.0 port or use the provided cradle and extension cable.
  - Update drivers. Outdated or corrupted drivers can cause instability.
- **"DRIVER POWER STATE FAILURE" Blue Screen Error (Windows):**
  - This error often indicates a driver issue related to power management. Ensure you have the latest drivers installed directly from the ASUS support website, not generic Windows drivers.
  - In Windows Device Manager, locate the network adapter, right-click, go to "Properties," then "Power Management" tab, and uncheck "Allow the computer to turn off this device to save power."
  - Consider performing a "netsh winsock reset" in Command Prompt (as administrator) if network issues persist after driver updates.

Specifications

Feature	Detail
Model	USB-AC68
Wireless Standard	802.11ac, 802.11n, 802.11g, 802.11b
Data Rate	AC1900 (up to 1300 Mbps on 5GHz, 600 Mbps on 2.4GHz)
Interface	USB 3.0
Antennas	Dual 3-position external, Dual internal
MIMO Technology	3x4 MIMO

Feature	Detail
Beamforming	ASUS AiRadar
Operating System Support	Windows 7, 8, 8.1, 10; Mac OS X 10.7, 10.8, 10.9, 10.10, 10.11
Dimensions (LxWxH)	1.18 x 0.69 x 4.52 inches (29.97 x 17.53 x 114.81 mm)
Weight	1.55 ounces (43.94 grams)

Warranty and Support

Your ASUS USB-AC68 WiFi Adapter comes with a limited warranty. Please refer to the included warranty card for detailed terms and conditions, including coverage period and service procedures.

For technical support, driver downloads, or further assistance, please visit the official ASUS support website and navigate to the support page for the USB-AC68 model. You may also find helpful resources and FAQs there.

ASUS Support Website: www.asus.com/support/

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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