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> Netis WiFi 6 AX200 802.11AX Dual Band PCIe WiFi Card User Manual

Netis F1

Netis WiFi 6 AX200 PCIe WiFi Card User Manual

Model: F1 | Brand: Netis

1. INTRODUCTION

Thank you for choosing the Netis WiFi 6 AX200 PCIe WiFi Card. This high-performance wireless adapter is designed to provide your desktop computer with cutting-edge Wi-Fi 6 (802.11AX) connectivity and Bluetooth 5.0 capabilities. With support for dual-band operation and advanced technologies like OFDMA and MU-MIMO, it ensures a fast, stable, and responsive network experience for gaming, streaming, and everyday use. This manual will guide you through the installation, operation, and troubleshooting of your new WiFi card.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Netis WiFi 6 AX200 PCIe WiFi Card
- Two Multi-directional Antennas
- Standard Profile Bracket (pre-installed)
- Low Profile Bracket
- Installation Guide (this manual)
- Bluetooth USB Cable (for Bluetooth functionality)

3. SYSTEM REQUIREMENTS

- Desktop PC with an available PCIe x1 slot or higher (x4, x8, x16)
- Available USB 2.0 header on motherboard (for Bluetooth functionality)
- Operating System: Windows 10 (64-bit), Linux, or Chrome OS

4. SETUP AND INSTALLATION

4.1 Hardware Installation

1. **Power Off Your PC:** Completely shut down your computer and unplug the power cord from the wall outlet.
2. **Open PC Case:** Remove the side panel of your computer case to access the motherboard.

3. **Locate an Available PCIe Slot:** Find an empty PCIe x1, x4, x8, or x16 slot on your motherboard.
4. **Install the WiFi Card:** Carefully insert the Netis WiFi card into the chosen PCIe slot, pressing down firmly until it is securely seated.
5. **Connect Bluetooth USB Cable:** Connect one end of the provided Bluetooth USB cable to the 4-pin header on the WiFi card and the other end to an available USB 2.0 header on your motherboard. This connection is essential for Bluetooth functionality.
6. **Attach Antennas:** Screw the two multi-directional antennas onto the connectors on the back of the WiFi card. Ensure they are finger-tight.
7. **Close PC Case:** Replace the side panel of your computer case and reconnect the power cord.
8. **Power On PC:** Turn on your computer.



Image 1: Netis WiFi 6 AX200 PCIe card with two antennas attached, viewed from the side.



Image 2: Angled view of the Netis WiFi 6 AX200 PCIe card, showing the heat sink and antenna connectors.



Image 3: Front view of the Netis WiFi 6 AX200 PCIe card with antennas in an upright position.



Image 4: Top-down view of the Netis WiFi 6 AX200 PCIe card, showing the heat sink and antenna placement.

4.2 Driver Installation

- **For Windows 10:** The card is designed to be plug-and-play with Windows 10. Drivers for both Wi-Fi and Bluetooth should install automatically upon system startup. If not, Windows Update may download them.
- **For Linux and Chrome OS:** Drivers for these operating systems are required and must be downloaded from the official Netis website. Please visit the support section of www.netis-systems.com to obtain the latest drivers for your specific OS version.

5. OPERATING INSTRUCTIONS

5.1 Connecting to Wi-Fi

1. Once the drivers are installed, click on the Wi-Fi icon in your system tray (usually in the bottom-right corner of your screen).
2. Select your desired Wi-Fi network from the list of available networks.
3. Enter the network security key (password) if prompted.

4. Click 'Connect'. Your computer should now be connected to the Wi-Fi network.

5.2 Bluetooth Pairing

1. Ensure Bluetooth is enabled on your computer. You can usually find this in your operating system's settings (e.g., 'Devices' > 'Bluetooth & other devices' in Windows).
2. Put your Bluetooth device (e.g., headphones, mouse, keyboard) into pairing mode. Refer to your device's manual for specific instructions.
3. On your computer, click 'Add Bluetooth or other device' and select 'Bluetooth'.
4. Select your device from the list of discovered devices and follow the on-screen prompts to complete the pairing process.

6. MAINTENANCE

The Netis WiFi 6 AX200 card is designed for reliable, long-term performance. The integrated heat sink helps dissipate heat, ensuring stable operation. To maintain optimal performance:

- Ensure your PC case has adequate airflow to prevent overheating of internal components.
- Keep your computer's interior clean from dust buildup, which can impede cooling.
- Periodically check for updated drivers on the official Netis website to ensure you have the latest performance enhancements and bug fixes.

7. TROUBLESHOOTING

7.1 No Wi-Fi or Bluetooth Connection

- **Check Installation:** Ensure the card is firmly seated in the PCIe slot and the Bluetooth USB cable is correctly connected to the motherboard.
- **Driver Status:** Verify that the drivers are correctly installed in your operating system's Device Manager (Windows) or equivalent. Look for any error symbols.
- **Antennas:** Confirm that the antennas are securely attached to the card.

7.2 Slow Wi-Fi Speeds or Intermittent Connection

- **Antenna Orientation:** Adjust the orientation of the antennas for better signal reception.
- **Router Distance:** Ensure your computer is within a reasonable range of your Wi-Fi router.
- **Interference:** Other electronic devices (e.g., microwaves, cordless phones) can cause interference. Try moving them away from your PC or router.
- **Driver Updates:** Ensure you have the latest drivers from the Netis website.

7.3 Bluetooth Not Working

- **USB Cable Connection:** Double-check that the Bluetooth USB cable is securely connected to both the WiFi card and an active USB 2.0 header on your motherboard.
- **Bluetooth Enabled:** Confirm that Bluetooth is enabled in your operating system settings.
- **Device Compatibility:** Ensure the device you are trying to pair is compatible and in pairing mode.

For further assistance, please visit the Netis support website or contact their customer service.

8. SPECIFICATIONS

Feature	Specification
Brand	Netis
Model	F1
Wireless Type	802.11ax (Wi-Fi 6), 802.11ac, 802.11n, 802.11g, 802.11b, 802.11a
Data Transfer Rate	Up to 3000 Mbps (2400Mbps on 5GHz, 600Mbps on 2.4GHz)
Bluetooth Version	Bluetooth 5.0
Hardware Interface	PCIe x1 (compatible with x4, x8, x16 slots)
Operating System Support	Windows 10 (64-bit), Linux, Chrome OS
Antennas	Two Multi-directional Antennas
Dimensions (LxWxH)	7 x 4 x 2 inches (approximate)
Item Weight	8.1 ounces (approximate)
Special Features	Heat Sink Cooling, OFDMA, MU-MIMO

9. WARRANTY AND SUPPORT

Netis products are designed for quality and reliability. For warranty information, technical support, or to download the latest drivers and firmware, please visit the official Netis website:

www.netis-systems.com

You can also find contact information for customer service on their website.

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