

NETELY Wireless-AC 7265NGW

NETELY Wireless-AC 7265NGW NGFF M2 WiFi Adapter with Bluetooth 4.2 Instruction Manual

1. PRODUCT OVERVIEW

The NETELY Wireless-AC 7265NGW is a high-performance NGFF M2 interface wireless network adapter designed for laptops and desktop computers. It integrates dual-band Wi-Fi 5 (802.11ac) connectivity, offering speeds up to 1200Mbps (300Mbps on 2.4GHz and 867Mbps on 5GHz), along with Bluetooth 4.2. This adapter is suitable for various applications including online gaming, video streaming, and general internet browsing, and also functions as a WiFi audio adapter for compatible devices.



Image: NETELY Wireless-AC 7265NGW adapter showing dual-band speeds (2.4GHz 300Mbps, 5GHz 867Mbps) and applications like internet surfing, live streaming, video streaming, and gaming.

2. KEY FEATURES

- **Dual-Band Wi-Fi 5 (802.11ac):** Provides high-speed wireless connectivity with up to 300Mbps on the 2.4GHz band and 867Mbps on the 5GHz band, totaling 1200Mbps.
- **Integrated Bluetooth 4.2:** Enables connection to various Bluetooth devices, including headphones, TWS earbuds, soundbars, and speakers.
- **WiFi Audio Adapter Functionality:** Supports audio transmission to WiFi-enabled audio devices.
- **NGFF M2 Interface:** Designed for easy installation in compatible laptop and desktop PC motherboards.
- **Advanced Security:** Supports 64-bit and 128-bit WEP, WPA, WPA2, WPA3, AES-CCMP, and TKIP encryption protocols for secure wireless connections.

WiFi Audio Adapter



Speakers



Headphones



TWS Earphone



Soundbars

Image: The adapter's WiFi audio capabilities, illustrating connectivity with various audio devices such as speakers, headphones, TWS earbuds, and soundbars.

3. SYSTEM COMPATIBILITY

This adapter is compatible with a range of operating systems and requires a specific hardware interface.

Supported Operating Systems:

- Windows 7 (32/64-bit)
- Windows 8 (32/64-bit)
- Windows 8.1 (32/64-bit)
- Windows 10 (32/64-bit)
- Windows 11 (64-bit) - Requires installation of WiFi Network and WiFi Audio drivers.
- Linux kernel 4.2+ (Requires compilation)

Hardware Requirements:

- Laptop or desktop PC motherboard with an available NGFF M2 network interface slot (E Key or A Key).

Based on Latest IEEE 802.11AC WiFi 5 7265NGW.Compatible with Windows10,8.1,8,7(32/64bit,Windows11 64bit and Linux kernel 4.2+

NETELY[®]

WiFi 5



Linux 4.2+



Windows 11 64bit



Windows 10 32/64bit



Windows 8.x 32/64bit



Windows 7 32/64bit

Image: Visual representation of the adapter's compatibility with various Windows versions and Linux kernel 4.2+.

4. INSTALLATION GUIDE

Follow these steps to install the NETELY Wireless-AC 7265NGW adapter into your laptop or desktop PC.

Important Pre-Installation Note:

Before proceeding, ensure your laptop or desktop PC motherboard has an available NGFF M2 network interface slot. This adapter uses an NGFF M2 E and A Key design.

Pasos para la instalación de la tarjeta de red de interfaz NGFF M2 en PC portátiles

NETELY®

Paso 1

Abra la carcasa de la computadora portátil, busque la tarjeta de red de interfaz NGFF.



Paso 2

Los usuarios deben eliminar el tipo anterior tarjeta de red.



Paso 3

Encuentre la interfaz de red NGFF espacio.



Paso 4

Coloque esta tarjeta en la ranura de red NGFF de la computadora portátil y conecte el conector de la antena WiFi a la tarjeta WiFi. Luego vuelva a colocar la carcasa de la computadora portátil e instale el controlador en el sistema.



Image: Detailed visual steps for installing the NGFF M2 WiFi card into a laptop motherboard.

1. **Step 1: Open the Laptop Case.** Carefully open the casing of your laptop or desktop PC to access the motherboard. Locate the existing wireless network card or the empty NGFF M2 interface slot.
2. **Step 2: Remove Previous Card (if applicable).** If you are replacing an existing network card, gently remove it. Disconnect any attached antenna cables.
3. **Step 3: Locate the NGFF M2 Slot.** Identify the NGFF M2 slot on your motherboard. It typically has a screw hole at the end for securing the card.
4. **Step 4: Insert the Adapter and Connect Antennas.** Insert the NETELY Wireless-AC 7265NGW card into the NGFF M2 slot at an angle, then press it down and secure it with the retaining screw. Connect your existing WiFi antenna connectors to the corresponding terminals on the new WiFi card (Main and Aux).

Driver Installation:

After physical installation, you will need to install the necessary drivers for the WiFi and Bluetooth functionalities. For Windows 11 64-bit and Linux kernel 4.2+, specific driver installation or compilation is required.

- **Windows:** For most Windows versions, drivers may be automatically detected. If not, download the latest drivers from the official NETELY website: www.netely.com.
- **Linux:** For Linux kernel 4.2+, driver compilation may be necessary. Refer to the documentation on the NETELY website or Intel's support pages for detailed instructions.

5. OPERATING INSTRUCTIONS

Wi-Fi Connectivity:

1. Ensure drivers are installed correctly.
2. Access your operating system's network settings.
3. Scan for available Wi-Fi networks.

- 4. Select your desired network (2.4GHz or 5GHz) and enter the password if required.
- 5. The adapter supports IEEE 802.11ac (Wi-Fi 5) standard and encryption types including WEP, WPA, WPA2, and WPA3.

Bluetooth Connectivity:

- 1. Ensure Bluetooth drivers are installed.
- 2. Enable Bluetooth in your operating system's settings.
- 3. Put your Bluetooth device (e.g., headphones, speaker) into pairing mode.
- 4. On your computer, search for new Bluetooth devices.
- 5. Select your device from the list and follow any on-screen prompts to complete pairing.

6. SPECIFICATIONS

Brand	NETELY
Model	Wireless-AC 7265NGW
Main Chipset	Intel Wireless-AC 7265
Hardware Interface	NGFF M2 (802.11 ac/b/g/n)
Wi-Fi Standard	IEEE 802.11ac (Wi-Fi 5)
Data Transfer Rate	1200 Mbps (2.4GHz: 300Mbps, 5GHz: 867Mbps)
Bluetooth Version	Bluetooth 4.2
Encryption	64/128-bit WEP, WPA, WPA2, WPA3, AES-CCMP, TKIP
Compatible Devices	Laptops, Desktop PC Motherboards, Industrial Devices
UPC	779776782556

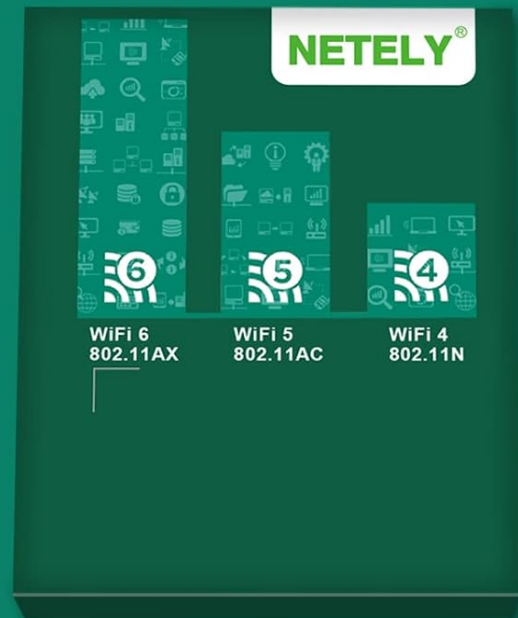
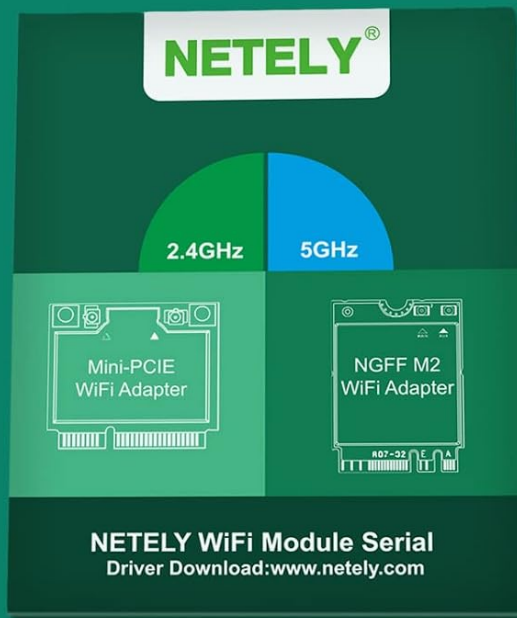


Image: Front and back views of the NETELY Wireless-AC 7265NGW adapter, illustrating its physical design and the NETELY branded packaging.

7. IMPORTANT NOTES

- Always ensure your system's BIOS/UEFI settings allow for third-party wireless cards if you encounter detection issues.
- For optimal performance, use updated drivers from the official NETELY website.
- Physical installation requires careful handling of internal computer components. If you are unsure, seek professional assistance.

8. SUPPORT AND WARRANTY

For technical support, driver downloads, or warranty information, please visit the official NETELY website or contact their customer service. Specific warranty terms may vary by region and retailer.

- **Official Website:** www.netely.com

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question