

Intel 9260.NGWG.NV

Intel Wireless-AC 9260 Network Adapter Instruction Manual

Model: 9260.NGWG.NV

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Intel Wireless-AC 9260 Network Adapter. This M.2 2230 form factor module integrates Wi-Fi 5 (802.11ac) and Bluetooth 5 connectivity, offering high-speed wireless communication for compatible systems. It is designed for use with Microsoft Windows 10 (64-bit only) and is recommended for 8th Generation Intel Core processors.

Key Features:

- Dual-band Wi-Fi (2.4 GHz and 5 GHz) with 802.11ac standard.
- Bluetooth 5 for enhanced wireless peripheral connectivity.
- M.2 2230 form factor for flexible system integration.
- Data transfer rates up to 1.73 Gigabits Per Second (theoretical maximum).
- No vPro Technology.



Image: Intel Wireless-AC 9260 Network Adapter, top view.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Please follow these steps carefully.

1. Pre-Installation Checklist

- **Compatibility:** Ensure your system has an available M.2 2230 slot (Key A or E) and is compatible with the Intel Wireless-AC 9260. This adapter is recommended for 8th Generation Intel Core processors and requires Microsoft Windows 10 (64-bit).
- **Drivers:** Download the latest Wi-Fi and Bluetooth drivers for the Intel Wireless-AC 9260 from the official Intel support website onto a USB drive or another accessible location before starting the installation.
- **Tools:** You may need a small Phillips head screwdriver and a non-conductive prying tool.
- **Safety:** Always disconnect power and ground yourself to prevent electrostatic discharge (ESD) before handling internal computer components.

2. Physical Installation

1. **Power Off:** Shut down your computer completely and disconnect the power adapter and any external peripherals.
2. **Access Internal Components:** Open your computer case or laptop bottom cover to access the motherboard. Refer to your computer's service manual for specific instructions.
3. **Disconnect Battery:** If installing in a laptop, disconnect the internal battery cable from the motherboard.
4. **Locate M.2 Slot:** Identify the M.2 2230 slot. If an old wireless card is present, carefully remove it by unscrewing the retaining screw and gently pulling it out.
5. **Insert Network Adapter:** Align the Intel Wireless-AC 9260 adapter with the M.2 slot. Gently push the card into the slot at an angle until it is fully seated.
6. **Secure Adapter:** Press the adapter down and secure it with the retaining screw.
7. **Connect Antennas:** Carefully attach the antenna cables to the corresponding connectors on the adapter. The connectors are very small; use caution to avoid damage. Typically, the main antenna connects to "MAIN" or "1" and the auxiliary antenna connects to "AUX" or "2". Ensure the cables are not crimped.



8. Image: Intel Wireless-AC 9260 with Antenna Connectors. This image displays the Intel Wireless-AC 9260 network adapter, highlighting the "MAIN" and "AUX" antenna connection points. Proper connection of these tiny cables is critical for Wi-Fi and Bluetooth functionality.
9. **Close Case:** Reconnect the internal battery (if applicable) and close your computer case or laptop bottom cover.

3. Driver Installation

1. **Boot System:** Power on your computer.
2. **Uninstall Old Drivers:** Before installing new drivers, it is recommended to uninstall any previous Wi-Fi and Bluetooth drivers from your system. Go to Device Manager, locate the old network and Bluetooth adapters, right-click, and select "Uninstall device." You may choose to delete the driver software if prompted.
3. **Install New Drivers:** Run the Wi-Fi and Bluetooth driver installers downloaded from the Intel website. Follow the on-screen prompts to complete the installation.
4. **Restart:** Restart your computer after driver installation is complete.

OPERATING INSTRUCTIONS

Once installed and drivers are updated, your Intel Wireless-AC 9260 adapter is ready for use.

1. Connecting to Wi-Fi Networks

- Click the Wi-Fi icon in your system tray (usually bottom-right of the screen).
- Select your desired Wi-Fi network from the list.
- Enter the network security key (password) if prompted.
- Click "Connect."
- The adapter supports both 2.4 GHz and 5 GHz bands. For optimal performance, connect to a 5 GHz network if available and your router supports it.

2. Pairing Bluetooth Devices

- Go to Windows Settings > Devices > Bluetooth & other devices.
- Ensure Bluetooth is turned "On."

- Put your Bluetooth device (e.g., headphones, mouse, keyboard) into pairing mode.
- Click "Add Bluetooth or other device" and select "Bluetooth."
- Select your device from the list and follow any on-screen prompts to complete pairing.

MAINTENANCE

To ensure continued optimal performance of your Intel Wireless-AC 9260 Network Adapter:

- **Driver Updates:** Regularly check the official Intel support website for updated Wi-Fi and Bluetooth drivers. Keeping drivers current can improve performance, stability, and security.
- **Physical Inspection:** Periodically, if comfortable, inspect the antenna connections to ensure they are secure and not damaged.
- **System Hygiene:** Maintain a clean operating system environment to prevent software conflicts that could affect wireless performance.

TROUBLESHOOTING

If you encounter issues with your Intel Wireless-AC 9260, consider the following solutions:

No Wi-Fi or Bluetooth Connectivity

- **Check Device Manager:** Open Device Manager (search "Device Manager" in Windows). Look under "Network adapters" and "Bluetooth" for the Intel Wireless-AC 9260. If there's a yellow exclamation mark or the device is not listed, drivers may be missing or corrupted. Reinstall the latest drivers.
- **Physical Connection:** Ensure the card is properly seated in the M.2 slot and antenna cables are securely connected.
- **BIOS/UEFI Settings:** Verify that Wi-Fi and Bluetooth are enabled in your system's BIOS/UEFI settings.

Poor Wi-Fi Signal or Slow Speeds

- **Antenna Connection:** Recheck the antenna connections on the card. Loose or improperly connected antennas can severely impact signal strength.
- **Router Placement:** Ensure your Wi-Fi router is centrally located and not obstructed by physical barriers.
- **5 GHz Channel:** If experiencing issues with 5 GHz networks, try changing the 5 GHz channel on your router from "Auto" to a specific higher channel number (e.g., 149, 153, 157, 161). Some drivers or systems may have issues with lower 5 GHz channels.
- **Driver Update:** Ensure you have the latest drivers installed from Intel.

Bluetooth Connectivity Issues

- **Re-pair Device:** Remove the problematic Bluetooth device from your computer's Bluetooth settings and attempt to pair it again.
- **Interference:** Other wireless devices (e.g., USB 3.0 devices, microwaves) can cause interference. Try moving closer to the Bluetooth device or away from potential interference sources.
- **Driver Update:** Ensure the latest Bluetooth drivers are installed.

PRODUCT SPECIFICATIONS

Feature	Detail
---------	--------

Brand	Intel
Model Number	9260.NGWG.NV
Hardware Interface	M.2 2230 (Key A or E), Bluetooth 5
Wireless Standard	Wi-Fi 5 (802.11ac)
Data Link Protocol	Bluetooth, 802.11ac
Data Transfer Rate	Up to 1.73 Gigabits Per Second (Wi-Fi)
Compatible Devices	Desktop/Laptop with M.2 2230 slot (Key A or E)
Operating System	Microsoft Windows 10 (64-bit only)
Product Dimensions (L x W x H)	1.18" x 0.87" x 0.09" (30mm x 22mm x 2.3mm)
Item Weight	0.02 Kilograms
UPC / GTIN	735858358255
Manufacturer Part Number	9260.NGWG.NV

Note: Specifications are subject to change without notice. Theoretical maximum data rates may vary based on network conditions and environment.

WARRANTY INFORMATION

The Intel Wireless-AC 9260 Network Adapter comes with a **Limited Lifetime Warranty** provided by Intel. This warranty covers defects in materials and workmanship under normal use. For detailed terms and conditions, including how to make a warranty claim, please refer to the official Intel warranty policy available on their website or contact Intel customer support.

Proof of purchase may be required for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or to download the latest drivers and software, please visit the official Intel support website:

[Intel Support Website](#)

You can also find additional resources, FAQs, and community forums on the Intel website to help with common issues and product information.

