

## Intel 8260.NGWMG

# Intel Dual Band Wireless-AC 8260 Wi-Fi Adapter User Manual

Model: 8260.NGWMG

## INTRODUCTION

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The Intel Dual Band Wireless-AC 8260 is Intel's 3rd generation 802.11ac, dual-band, 2x2 Wi-Fi + Bluetooth 4.1 adapter. It is engineered to deliver lower power consumption, improved RF coexistence, and complete Microsoft Windows 10 support. Combined with Intel Core Processors and exceptional Intel Wireless Innovations like Intel Dynamic Regulatory Solution, the Intel Dual Band Wireless-AC 8260 dramatically reshapes your connected experience at home, work, or on the go.



Figure 1: The Intel Dual Band Wireless-AC 8260 Wi-Fi Adapter. This image shows the compact M.2 form factor of the adapter, highlighting its various components and regulatory markings.

## SETUP AND INSTALLATION

Proper installation of the Intel Dual Band Wireless-AC 8260 adapter is crucial for optimal performance. Follow these steps carefully:

1. **Prepare Drivers:** Before beginning the physical installation, visit the official Intel website to download the latest Wi-Fi and Bluetooth driver packages for the 8260 adapter. Save these to an accessible location on your computer.
2. **Uninstall Old Drivers (if applicable):** If you are replacing an existing wireless adapter, go to "Programs and Features" in your Control Panel and uninstall any old wireless or Bluetooth applications (e.g., Broadcom WIDCOMM).
3. **Disable Old Adapter:** Open Device Manager (right-click on "This PC" or "My Computer" and select "Manage" then "Device Manager"). Locate your old Wi-Fi adapter under "Network adapters" and Bluetooth adapter under "Bluetooth". Right-click and select "Disable device" for both, then "Uninstall device" (do not check the box to delete driver software).
4. **Power Off and Disconnect:** Shut down your computer completely and disconnect it from all power sources. For laptops, remove the battery if possible.
5. **Open Computer Case:** Carefully open your computer's case or laptop's back panel to access the M.2 slot where the Wi-Fi adapter will be installed. Refer to your computer's service manual for specific instructions on opening the case.
6. **Remove Old Adapter (if applicable):** If replacing an old adapter, unscrew the retaining screw, carefully disconnect the antenna wires (usually black and white), and gently pull the old card out of the M.2 slot.
7. **Install New Adapter:** Insert the Intel Dual Band Wireless-AC 8260 adapter into the M.2 slot at an angle, then press it down and secure it with the retaining screw.
8. **Connect Antenna Wires:** Carefully reattach the antenna wires to the corresponding connectors on the new adapter. Typically, the black wire connects to the main (1) connector and the white wire to the auxiliary (2) connector, but verify markings on the card. They should snap into place.
9. **Close Computer Case:** Reassemble your computer, ensuring all panels are securely closed and screws are tightened.
10. **Power On and Install Drivers:** Power on your computer. Windows 10 should recognize the new hardware. Navigate to the downloaded driver packages and install the Wi-Fi drivers first, followed by the Bluetooth drivers.
11. **Reboot:** Reboot your computer to finalize the installation.

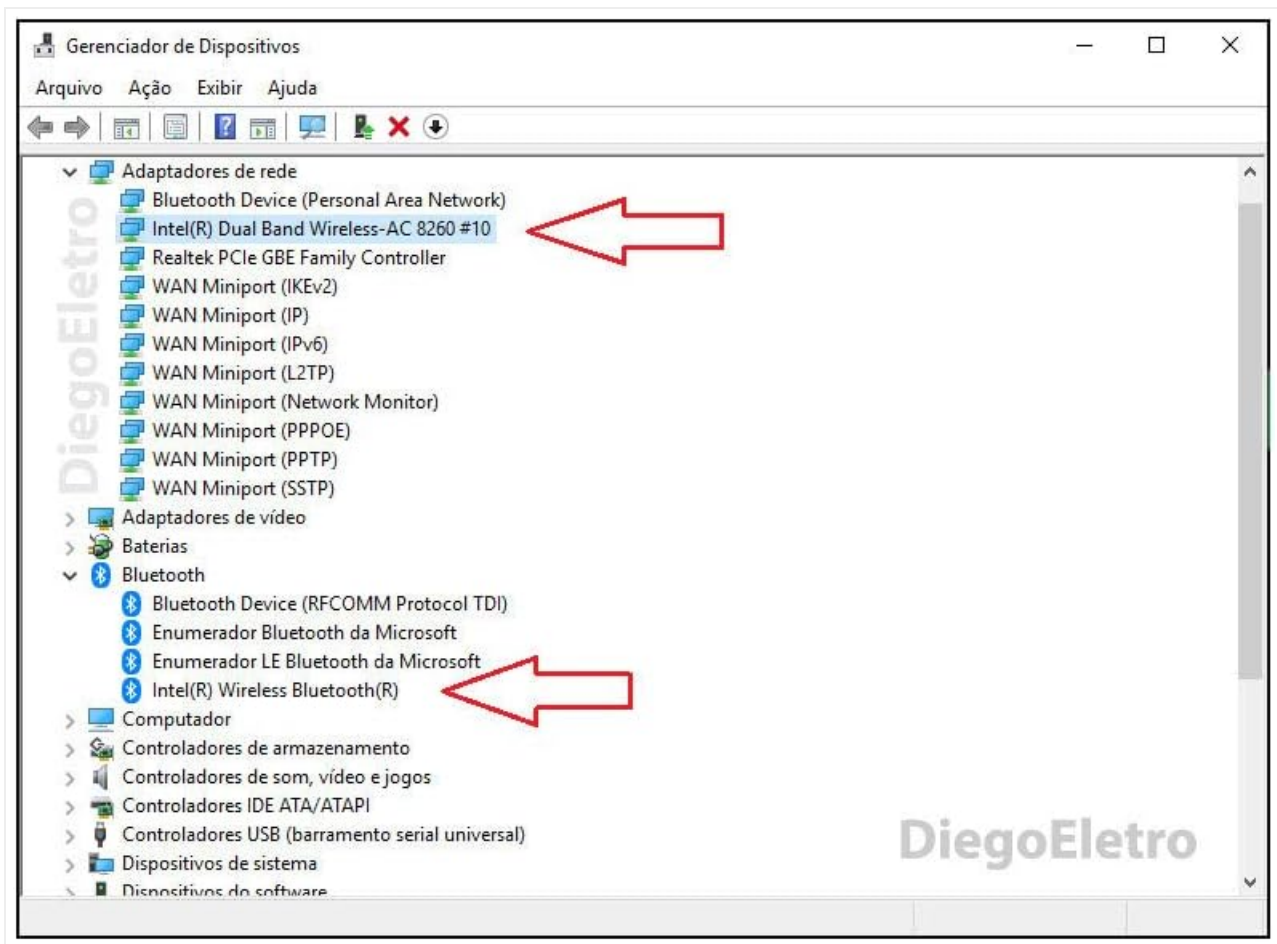


Figure 2: Device Manager view after successful driver installation. This image illustrates how the Intel Dual Band Wireless-AC 8260 Wi-Fi and Bluetooth components appear under "Network adapters" and "Bluetooth" in Windows Device Manager, indicating proper recognition by the operating system.

## OPERATING INSTRUCTIONS

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Once installed and drivers are updated, your Intel Dual Band Wireless-AC 8260 adapter will enable high-speed Wi-Fi and Bluetooth connectivity.

### Connecting to Wi-Fi:

- Click the Wi-Fi icon in your system tray (usually bottom-right of the screen).
- Select your desired Wi-Fi network from the list of available networks.
- Enter the network security key (password) if prompted.
- Click "Connect". Your computer should now be connected to the internet.
- The adapter supports both 2.4 GHz and 5 GHz bands, automatically selecting the optimal frequency for performance and range.

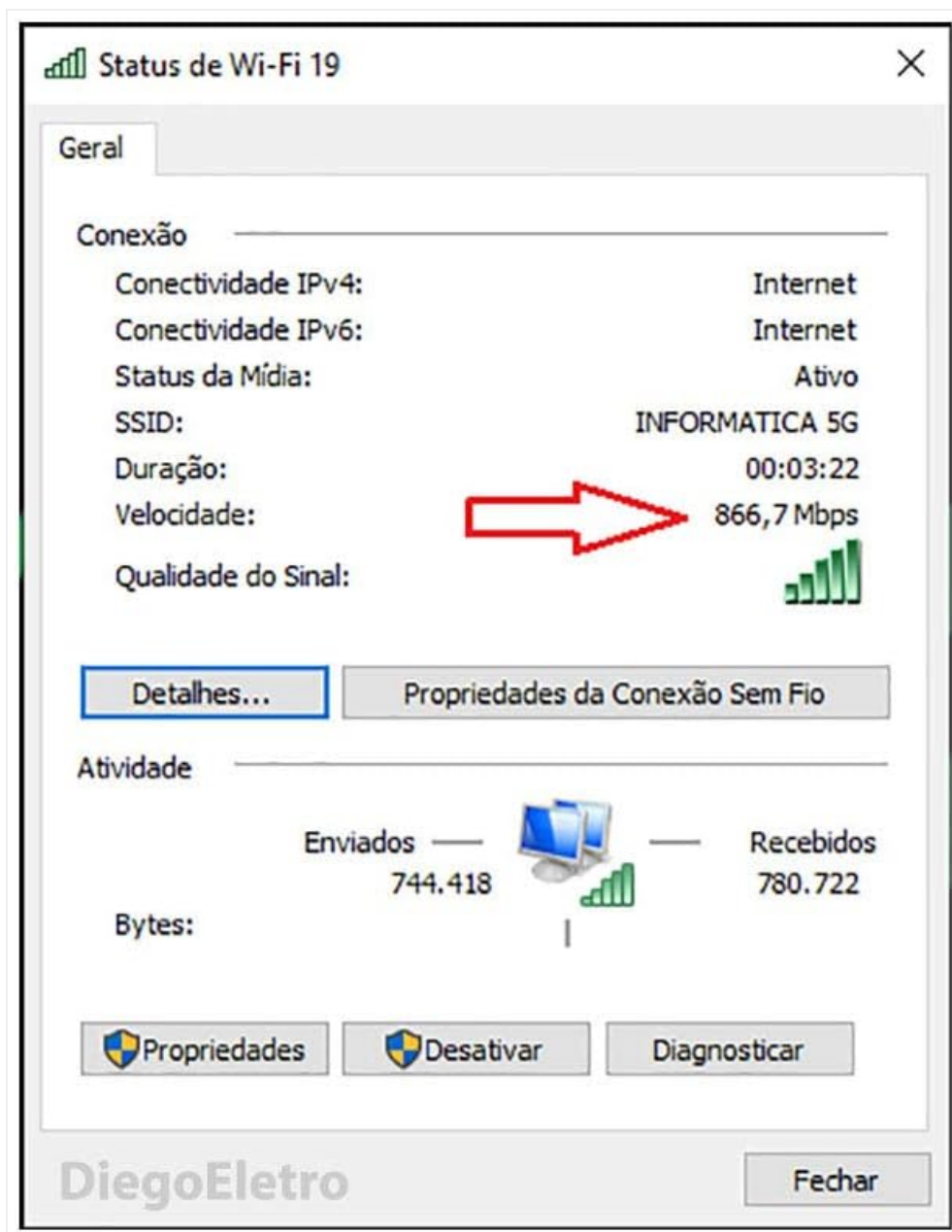


Figure 3: Wi-Fi Status window displaying connection speed. This screenshot shows a successful Wi-Fi connection with a reported speed of 866.7 Mbps, demonstrating the high data transfer capabilities of the 8260 adapter.

## Using Bluetooth:

- Ensure Bluetooth is enabled in your operating system settings.
- Go to "Bluetooth & other devices" settings.
- Click "Add Bluetooth or other device" and select "Bluetooth".
- Put your Bluetooth device (e.g., headphones, mouse) into pairing mode.
- Select your device from the list and follow on-screen prompts to complete pairing.

## MAINTENANCE

The Intel Dual Band Wireless-AC 8260 adapter is designed for long-term, reliable operation with minimal maintenance. However, consider the following to ensure optimal performance:

- **Driver Updates:** Periodically check the official Intel website for updated Wi-Fi and Bluetooth drivers. Keeping drivers current can improve performance, stability, and compatibility.
- **System Cleanliness:** Ensure your computer's internal components, including the M.2 slot area, remain free of dust

and debris. Dust buildup can lead to overheating and reduced performance.

- **Antenna Connection:** If you experience signal degradation, ensure the antenna wires are securely connected to the adapter.

## TROUBLESHOOTING

If you encounter issues with your Intel Dual Band Wireless-AC 8260 adapter, try the following solutions:

- **No Wi-Fi or Bluetooth after Installation:**
  - Verify that the adapter is correctly seated in the M.2 slot and the retaining screw is secure.
  - Ensure antenna wires are properly connected to the adapter.
  - Check Device Manager: Look for "Intel(R) Dual Band Wireless-AC 8260" under "Network adapters" and "Intel(R) Wireless Bluetooth(R)" under "Bluetooth". If there are yellow exclamation marks, reinstall the drivers.
  - Ensure no old drivers are conflicting. Completely uninstall any previous wireless or Bluetooth drivers.
- **Intermittent Connection or Slow Speeds:**
  - Update your Wi-Fi and Bluetooth drivers to the latest version from Intel's website.
  - Ensure your router firmware is up to date.
  - Try moving closer to your Wi-Fi router or reducing interference from other electronic devices.
  - Check for physical obstructions or damage to the antenna wires.
- **Bluetooth Devices Not Pairing:**
  - Ensure the Bluetooth device is in pairing mode.
  - Remove and re-add the Bluetooth device in your computer's Bluetooth settings.
  - Restart the Bluetooth service in Windows Services (services.msc).
  - Update Bluetooth drivers.
- **"Non-broadcast network" connection issues (especially after switching networks):**
  - This issue is often resolved by ensuring the latest Intel drivers are installed.
  - Ensure your network profile is correctly configured for non-broadcast SSIDs.

## SPECIFICATIONS

Feature	Detail
Model Number	8260.NGWMG
Wireless Type	802.11ac, 802.11a/b/g/n
Data Link Protocol	Bluetooth 4.1, IEEE 802.11ac
Data Transfer Rate	Up to 867 Megabits Per Second
Hardware Interface	Mini PCI Express (M.2 2230)
Operating System Support	Windows 10 (Full Support)



Feature	Detail
Item Weight	1.41 ounces (approx. 0.04 Kilograms)
Dimensions (LxW)	0.12 x 0.01 inches (approx.)
Color	Brown

## WARRANTY AND SUPPORT

Intel products are manufactured to high quality standards. For specific warranty information and technical support, please refer to the official Intel support website or contact your point of purchase. Keep your proof of purchase for warranty claims.



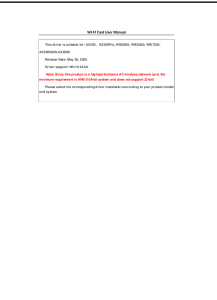
For the latest drivers, documentation, and support resources, visit:[Intel Support Website](#)

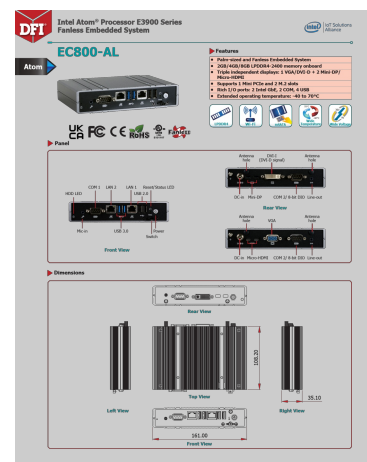


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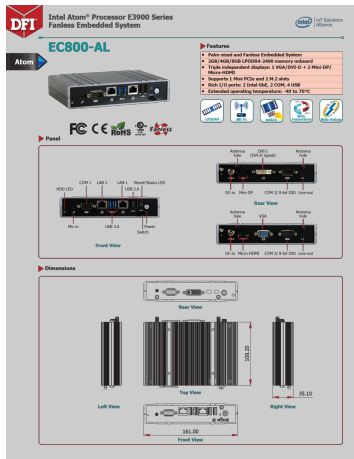
### Related Documents - 8260.NGWMG

	<p><a href="#">Intel WiFi Adapter Information Guide</a></p> <p>This guide provides essential information about Intel wireless adapters, detailing their compatibility with various Wi-Fi standards and offering insights into adapter settings, regulatory compliance, and support resources. It aims to help users understand and optimize their wireless connectivity.</p>
	<p><a href="#">Intel WiFi Adapter Information Guide: Specifications, Compatibility, and Regulatory Compliance</a></p> <p>This guide provides comprehensive information on Intel WiFi adapters, including supported models, technical specifications, wireless standards compliance, regulatory details, and safety guidelines. Essential reading for understanding Intel's wireless networking solutions.</p>
	<p><a href="#">Intel WiFi Adapter Information Guide: Features, Specifications, and Regulatory Information</a></p> <p>Comprehensive guide to Intel WiFi adapters, covering supported models, features, adapter settings, regulatory compliance, and safety notices for various Intel wireless networking products.</p>

	<p><a href="#">Intel® WiFi Adapter Information Guide</a></p> <p>Comprehensive guide detailing the Intel® Wi-Fi 7 BE201D2WP wireless adapter, covering specifications, features, regulatory compliance across various regions, safety information, and warranty details. Designed for seamless integration into notebooks and tablets.</p>
	<p><a href="#">Intel WiFi Adapter Information Guide</a></p> <p>Comprehensive guide detailing Intel WiFi adapters, their compatibility with PROSet/Wireless WiFi Software, supported wireless standards (802.11a/b/g/n/ac/ax/be), features like fast connectivity, and essential regulatory and safety information for various models.</p>
	<p><a href="#">Intel AX200 Wi-Fi Card: User Manual &amp; Installation Guide</a></p> <p>Detailed user manual and installation guide for the Intel AX200 Wi-Fi card. Covers hardware setup, driver installation for Windows 10 (64-bit), and FCC compliance. Compatible with AX200, AX200Pro, WIE9260, WIE8260, WIE7265, AX200NGW, AX200S.</p>







## [\[pdf\]](#) Specifications Datasheet Dimension Guide

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Atom Intel Atom Processor E3900 Series Fanless Embedded System EC800-AL  
 Panel COM 1 LAN 2 HDD LED ... onal Items Part Number Description Wi-Fi 761-  
 EC8002-100G M.2 2230 802.11abgn/ac BT4.2, Intel AC **8260.NGWMG**, with 2x RP-  
 SMA Cable 2x Dipole Antenna Kit, M2 Screw Power Cord 785-PWRD Power Cord...  
 lang:en **score:17** filesize: 1.16 M page\_count: 4 document date: 2023-05-22