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### Intel 7260

# Intel Wireless-N 7260 Half Mini PCI-E Wi-Fi and Bluetooth Card User Manual

Model: 7260 | Brand: Intel

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, and operation of your Intel Wireless-N 7260 Half Mini PCI-E Wi-Fi and Bluetooth Card. This internal component is designed to enhance your laptop's wireless capabilities, offering 802.11b/g/n Wi-Fi and Bluetooth connectivity.



Image 1: Intel Wireless-N 7260 Half Mini PCI-E Wi-Fi and Bluetooth Card. This image displays the compact form factor of the wireless card, highlighting its connectors and labeling.

## 2. COMPATIBILITY NOTES

**Important:** This Wireless Card is generally compatible with most PC/laptops that support a Half Mini PCI-E slot. However, it is crucial to note that this card **may not work on IBM/Lenovo/Thinkpad and HP Version Laptops** due to specific BIOS whitelisting or hardware restrictions. Please verify your laptop's compatibility before installation.

## 3. SPECIFICATIONS

Feature	Detail
Brand	Intel
Model Number	7260
Type	802.11 b/g/n + BT (Bluetooth)
Interface	Half Mini PCI-e
Product Dimensions	1.18 x 1.06 x 0.04 inches
Item Weight	0.352 ounces (0.01 Kilograms)
Data Link Protocol	Bluetooth
Hardware Interface	Bluetooth, PCI
Compatible Devices	Laptop
BIOS	Standard / Public Version
UPC	722851200599

## 4. INSTALLATION AND SETUP

Installing the Intel Wireless-N 7260 card requires opening your laptop. If you are not comfortable with hardware installation, it is recommended to seek professional assistance.

### 4.1. Physical Installation

- Power Off and Disconnect:** Ensure your laptop is completely powered off and disconnected from all power sources. Remove the battery if possible.
- Access the Internal Components:** Carefully open your laptop's back panel to access the internal components. This usually involves unscrewing several screws. Refer to your laptop's specific service manual for precise instructions.
- Locate the Existing Wireless Card:** Identify the current wireless card, typically a small module connected to a Half Mini PCI-E slot. It will have antenna cables attached.
- Disconnect Antennas:** Gently disconnect the antenna cables from the existing wireless card. Note their positions (Main/Aux) for reattachment.
- Remove Old Card:** Unscrew the retaining screw(s) holding the old wireless card in place. The card should pop up slightly, allowing you to slide it out of the slot.
- Insert New Card:** Carefully insert the Intel Wireless-N 7260 card into the Half Mini PCI-E slot at an angle. Press it down until it clicks into place, then secure it with the retaining screw(s).
- Reattach Antennas:** Connect the antenna cables to the corresponding connectors on the new Intel Wireless-N 7260 card. Ensure a snug fit.

8. **Reassemble Laptop:** Carefully close the laptop's back panel and secure all screws. Reinsert the battery if removed.

## 4.2. Driver Installation

Upon booting your laptop, the operating system (e.g., Windows) may automatically detect and install the necessary drivers for the Intel Wireless-N 7260 card. If not, you may need to download the latest drivers from the official Intel website or your laptop manufacturer's support page. Search for "Intel Wireless-N 7260 drivers" to find the appropriate software.

## 5. OPERATION

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### 5.1. Connecting to Wi-Fi

1. **Enable Wi-Fi:** Ensure Wi-Fi is enabled on your laptop. This can usually be done through the operating system's network settings or a physical switch/function key combination on some laptops.
2. **Select Network:** Click on the Wi-Fi icon in your system tray (Windows) or menu bar (macOS) to view available networks.
3. **Connect:** Select your desired Wi-Fi network (SSID) and click "Connect." Enter the network password if prompted.
4. **Verify Connection:** Once connected, the Wi-Fi icon will indicate a successful connection, and you should be able to browse the internet.

### 5.2. Using Bluetooth

1. **Enable Bluetooth:** Ensure Bluetooth is enabled on your laptop. This is typically found in your operating system's settings.
2. **Pair Device:** Put your Bluetooth device (e.g., headphones, mouse, keyboard) into pairing mode.
3. **Add Device:** On your laptop, go to Bluetooth settings and select "Add Bluetooth or other device." Choose "Bluetooth" and select your device from the list.
4. **Confirm Pairing:** Follow any on-screen prompts to complete the pairing process.

## 6. PERFORMANCE CONSIDERATIONS

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The Intel Wireless-N 7260 card supports 802.11b/g/n standards, offering reliable wireless performance. Actual speeds may vary based on your network environment, router capabilities, distance from the access point, and interference. For optimal performance, ensure your router supports 802.11n and operates on both 2.4GHz and 5GHz bands (though this card primarily uses 2.4GHz for N-standard, it's good practice for overall network health). Keeping your drivers updated is also essential for maintaining peak performance.

## 7. MAINTENANCE

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- **Driver Updates:** Regularly check the Intel support website for the latest drivers for your Wireless-N 7260 card. Updated drivers can improve performance, stability, and security.
- **System Updates:** Keep your operating system updated to ensure compatibility and optimal performance with your wireless card.
- **Physical Cleanliness:** If you experience issues, ensure your laptop's internal components, especially the wireless card and its slot, are free from dust and debris.

## 8. TROUBLESHOOTING

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- **No Wi-Fi/Bluetooth Connection:**
  - Verify physical installation: Ensure the card is seated correctly and antenna cables are securely attached.
  - Check Device Manager: Look for the device under "Network adapters" and "Bluetooth." If there's a yellow exclamation mark, reinstall or update drivers.
  - Ensure Wi-Fi/Bluetooth is enabled in your operating system settings.
- **Slow Wi-Fi Speed:**
  - Move closer to your Wi-Fi router.

- Ensure your router is configured for 802.11n speeds.
  - Check for interference from other devices (e.g., microwaves, cordless phones).
  - Update your Wi-Fi drivers.
- **Intermittent Connection:**
    - Check for driver conflicts or outdated drivers.
    - Ensure your router's firmware is up to date.
    - Consider changing your Wi-Fi channel on your router to avoid interference.

## 9. WARRANTY INFORMATION

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This Intel Wireless-N 7260 card is covered by a standard manufacturer's warranty. Please refer to the warranty documentation included with your purchase or visit the official Intel website for specific terms and conditions. Keep your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

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For technical assistance, driver downloads, or further information, please visit the official Intel support website. You may also contact your product reseller for support related to your purchase.