Intel AX200.NGWG.DTK

Intel Wi-Fi 6 (Gig+) Desktop Kit AX200 User Manual

Model: AX200.NGWG.DTK

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Intel Wi-Fi 6 (Gig+) Desktop Kit AX200. This kit is designed to upgrade your desktop computer with Wi-Fi 6 (802.11ax) and Bluetooth 5.0 capabilities, offering enhanced wireless performance and security.

1.1 Package Contents

Verify that all items listed below are present in your product package:

- Intel® Wi-Fi 6 AX200 (Gig+) adapter (M.2 2230 module)
- Optimized external antennas (2)
- Standard size mounting bracket with RF cables installed
- Low profile mounting bracket

Image 1.1: Contents of the Intel Wi-Fi 6 Desktop Kit AX200.

2. SETUP AND INSTALLATION

Before proceeding with installation, ensure your computer is powered off and unplugged from the wall outlet. It is recommended to wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.

2.1 Compatibility Requirements

- Motherboard must have an M.2 Key E slot.
- Operating System: Windows 10 64-bit.
- Not compatible with systems containing an Intel 9560 CNVI part or systems with a BIOS lock.

2.2 Installation Steps

1. **Prepare your computer:** Power down your computer, unplug the power cord, and open the computer case.
2. **Locate the M.2 Key E slot:** Refer to your motherboard's manual to identify the M.2 Key E slot.
3. **Install the AX200 module:** Gently insert the Intel Wi-Fi 6 AX200 M.2 module into the M.2 Key E

slot at a 30-degree angle. Press down and secure it with the provided screw (if not included, use a compatible M.2 screw from your motherboard accessories).

4. **Attach RF cables to the module:** Carefully snap the two small RF cables from the mounting bracket onto the corresponding connectors on the AX200 module. Ensure they are securely attached.

5. **Install the mounting bracket:** Choose either the standard or low-profile mounting bracket based on your PC case. Secure the bracket into an available PCIe slot opening on your computer case.

6. **Connect external antennas:** Screw the two optimized external antennas onto the connectors on the mounting bracket. Position the antennas for optimal signal reception.
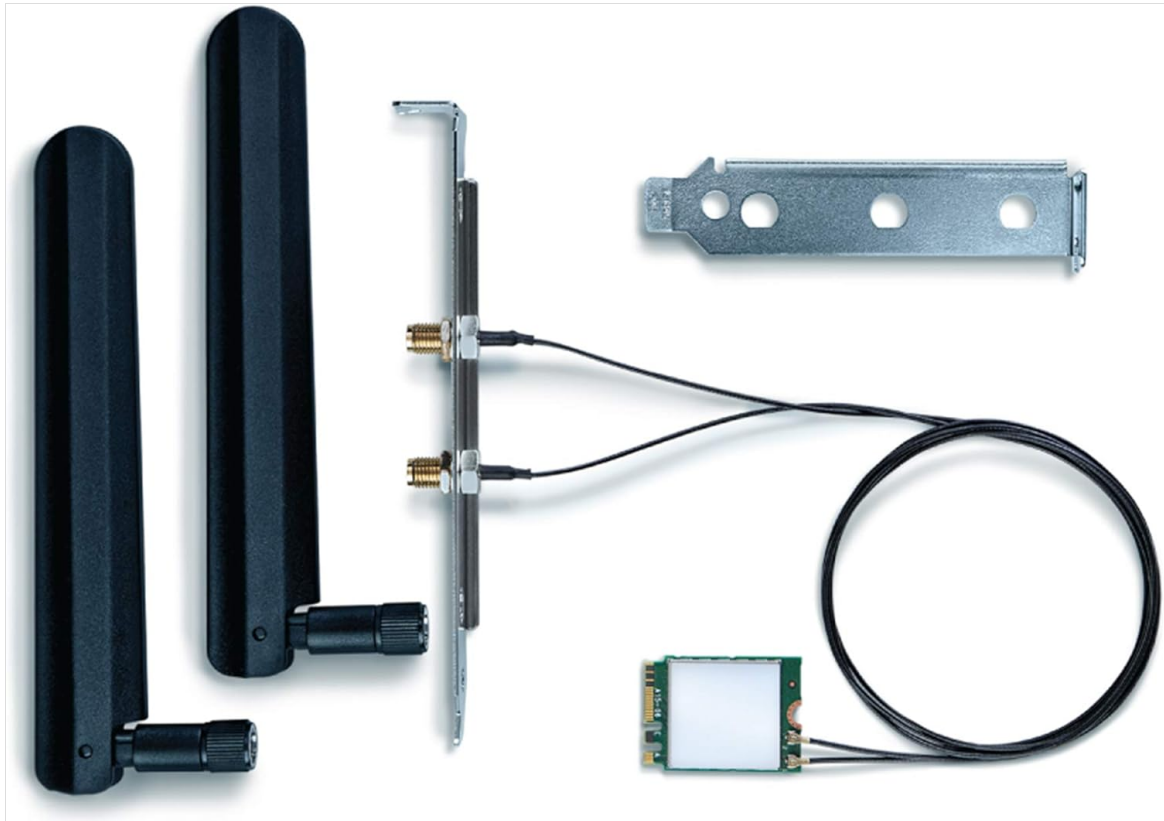

Image 2.1: Components ready for installation, showing the M.2 module, cables, bracket, and antennas.

Image 2.2: The two external antennas.

2.3 Driver Installation

After hardware installation, close your computer case, plug in the power cord, and power on your computer. Windows 10 should automatically detect and install the necessary drivers for the Intel Wi-Fi 6 AX200 module. If drivers are not automatically installed, or if you experience issues, download the latest drivers from the official Intel support website.

3. OPERATION

3.1 Connecting to Wi-Fi

1. Once drivers are installed, click the Wi-Fi icon in the Windows taskbar.
2. Select your desired Wi-Fi network from the list of available networks.
3. Click 'Connect' and enter the network security key (password) if prompted.
4. Your computer should now be connected to the Wi-Fi network.

3.2 Pairing Bluetooth Devices

1. Go to Windows Settings > Devices > Bluetooth & other devices.

2. Ensure Bluetooth is turned 'On'.

3. Click 'Add Bluetooth or other device' and select 'Bluetooth'.

4. Put your Bluetooth device into pairing mode (refer to your device's manual).

5. Select your device from the list and follow any on-screen prompts to complete pairing.

Image 3.1: Bluetooth Wireless Technology Support.

4. MAINTENANCE

The Intel Wi-Fi 6 Desktop Kit AX200 requires minimal maintenance. Keep your computer's interior clean from dust to ensure proper airflow and prevent overheating of components. Regularly update your Wi-Fi and Bluetooth drivers from the official Intel website to ensure optimal performance and security.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Wi-Fi or Bluetooth detected:**

    - Ensure the AX200 module is correctly seated in the M.2 slot and secured.
    - Verify that the RF cables are securely connected to the module and antennas.
    - Check Device Manager in Windows to see if the device is recognized and drivers are installed. Reinstall drivers if necessary.
    - Confirm your motherboard has an M.2 Key E slot and is not subject to BIOS lock.

- **Slow Wi-Fi speeds or frequent disconnections:**

    - Ensure your router supports Wi-Fi 6 (802.11ax) for optimal performance.
    - Update your Wi-Fi drivers to the latest version from Intel's website.
    - Check antenna connections and position them for better signal.
    - Reduce interference from other electronic devices.

- **Bluetooth device not pairing:**

    - Ensure Bluetooth is enabled in Windows settings.
    - Put the Bluetooth device into pairing mode.
    - Remove and re-add the device in Windows Bluetooth settings.
    - Update Bluetooth drivers.

For further assistance, refer to the Intel support website or contact Intel customer service.

6. SPECIFICATIONS

Feature	Detail
Model	AX200.NGWG.DTK
Wireless Type	Wi-Fi 6 (802.11ax), Bluetooth 5.0
Series	Wi-Fi 6 AX200 (Gig+)
Hardware Interface	M.2 2230 (Key E)
Operating System Support	Windows 10 64-bit
Data Transfer Rate	Up to 2.4 Gigabits Per Second
Security	WPA3
Product Dimensions	5.67 x 0.98 x 8.03 inches (Kit)
Item Weight	5.6 ounces
UPC	735858441346

7. WARRANTY AND SUPPORT

Intel products are backed by a limited warranty. For specific warranty terms and conditions applicable to your region, please refer to the documentation included with your product or visit the official Intel

website.

7.1 Technical Support

For technical assistance, driver downloads, and additional resources, please visit the official Intel Support website:
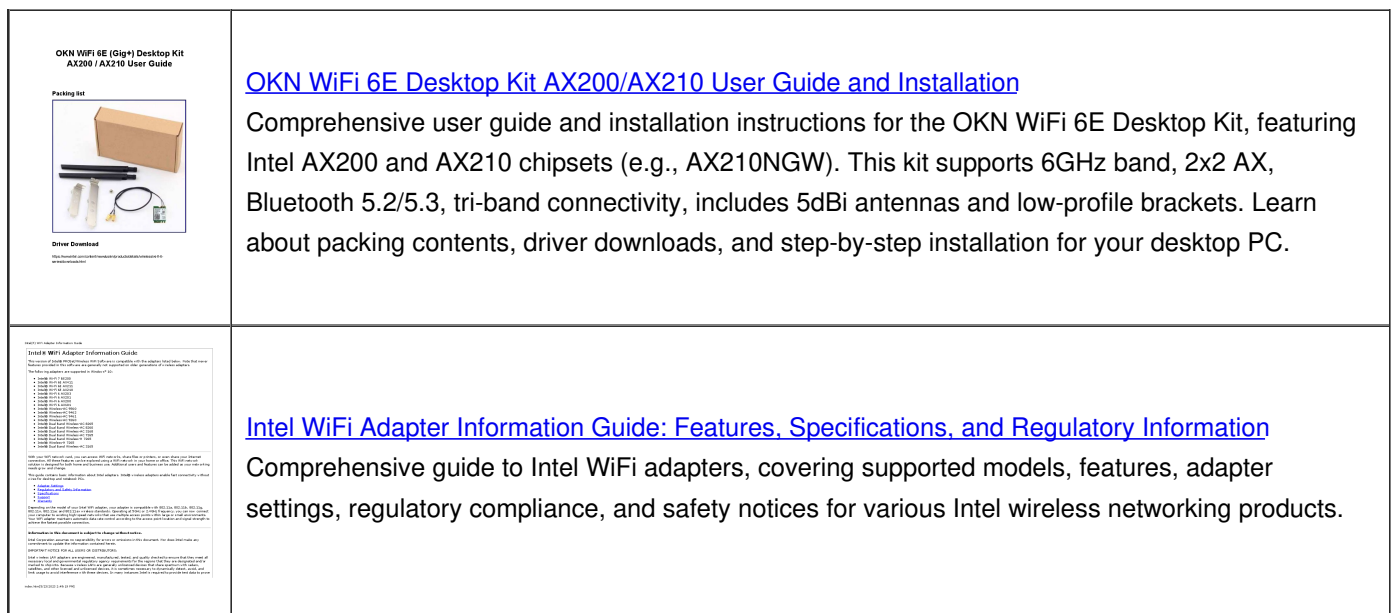
Intel Support Website

Intel also offers support via phone and chat. Refer to the support website for contact details.
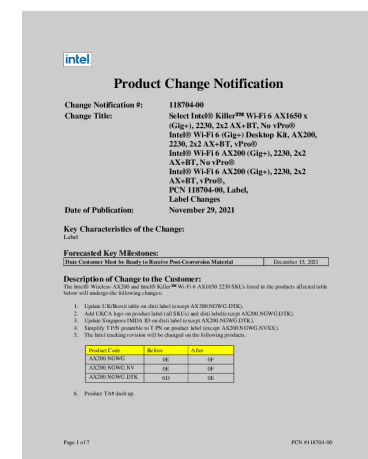
Related Documents

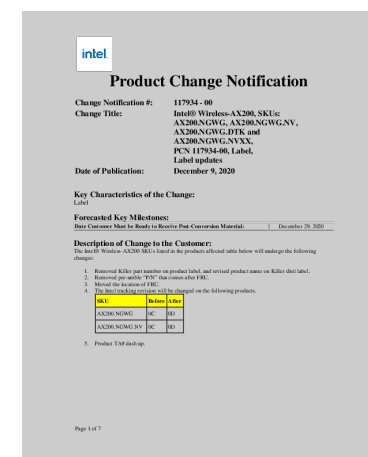|	
	AX3000 Wi-Fi 6 Bluetooth 5.0 PCIe Adapter User Guide This guide provides instructions for installing and using the AX3000 Wi-Fi 6 Bluetooth 5.0 PCIe Adapter, featuring Intel AX200 chip for high-speed wireless connectivity.
	Intel AX200 Wi-Fi Card: User Manual & Installation Guide Detailed user manual 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.
	ASUS PCIe Wi-Fi Card Intel AX200 Installation Guide Step-by-step installation guide for the ASUS PCIe Wi-Fi Card with Intel AX200 chipset, including important safety and regulatory information.
	Visionke AX200 WI-FI Card User Manual and Installation Guide Comprehensive user manual and installation guide for the Visionke AX200 WI-FI Card, covering hardware installation, driver setup for Windows 10 (64-bit), Bluetooth pairing, and FCC compliance information.

Packing list

Driver Download
https://newsitel.com/oknfirmwarets/ststa/stestials/selestool-0-5-server/download/site/

OKN WiFi 6E Desktop Kit AX200/AX210 User Guide and Installation

Comprehensive user guide and installation instructions for the OKN WiFi 6E Desktop Kit, featuring Intel AX200 and AX210 chipsets (e.g., AX210NGW). This kit supports 6GHz band, 2x2 AX, Bluetooth 5.2/5.3, tri-band connectivity, includes 5dBi antennas and low-profile brackets. Learn about packing contents, driver downloads, and step-by-step installation for your desktop PC.

Intel WiFi Adapter Information Guide

Intel WiFi Adapter Information Guide: Features, Specifications, and Regulatory Information

Comprehensive guide to Intel WiFi adapters, covering supported models, features, adapter settings, regulatory compliance, and safety notices for various Intel wireless networking products.

Documents - Intel – AX200.NGWG.DTK

intel
Product Change Notification

Change Notification #:	118704-00
Change Title:	Select Intel® Killer™ Wi-Fi 6 AX1650 x (Gig+), 2230, 2x2 AX+BT, No vPro® Intel® Wi-Fi 6 (Gig+) Desktop Kit, AX200, 2230, 2x2 AX+BT, vPro® Intel® Wi-Fi 6 AX200 (Gig+), 2230, 2x2 AX+BT, No vPro® Intel® Wi-Fi 6 AX200 (Gig+), 2230, 2x2 AX+BT, vPro®, PCN 118704-00, Label, Label Changes
Date of Publication:	November 29, 2021

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Product Change Notification Change Notification #: Change Title: Date of Publication: 118704-00 Se ... ed table below will undergo the following changes: 1. Update UK/Brexit table on disti label except **AX200.NGWG.DTK** . 2. Add UKCA logo on product label all SKUs and disti label except **AX200.NGWG.DTK** ...

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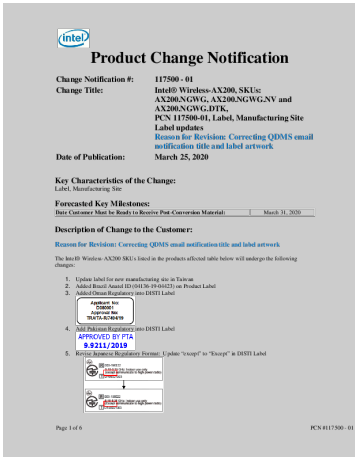
intel
Product Change Notification

Change Notification #:	117934 - 00
Change Title:	Intel® Wireless-AX200, SKUs: AX200.NGWG, AX200.NGWG.NV, AX200.NGWG.DTK and AX200.NGWG.NVXX, PCN 117934-00, Label, Label updates
Date of Publication:	December 9, 2020

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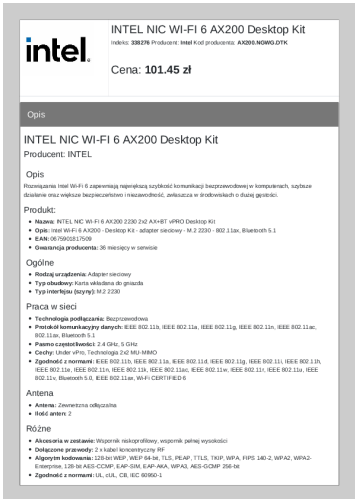
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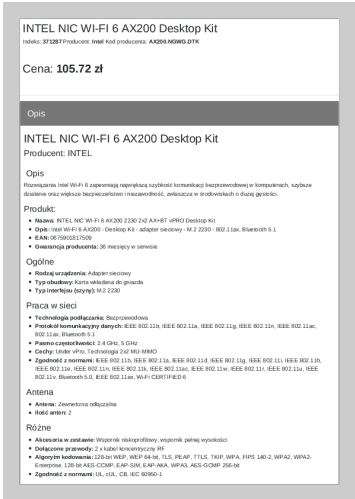
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WLAN PCI-E M.2 2230 INTEL WI-FI 6 AX200 (GIG+) DESKTOP KIT 2X2 AX+BT VPRO (AX200.NGWG.DTK)

Vaša cena: 28,21€
MPC: 33,99€
Prihranek 5,78€ (17,00%)

Šifra: AX200-KT
Kategorija: Brezzične naprave

OPIS

OFDMA (Orthogonal Frequency-Division Multiple Access)
OFDMA (Orthogonal Frequency-Division Multiple Access) je večuporabniška različica priljubljene digitalne modulacijske sheme OFDM (Orthogonal Frequency-Division Multiplexing). To omogoča hkratni prenos več uporabnikov z nizko hitrostjo prenosa podatkov.

Ključne funkcije

	Splošno
Vgrajeno	Da
Tehnologija prenosa	Brezžična
Vmesnik gostitelja	PCI Express
Vmesnik	Wi-Fi (PCIe), BT (USB)
WLAN	Da
Največja hitrost prenosa podatkov	2402 Mbit/s
Najvišji standard WLAN	Wi-Fi 6 (802.11ax)

Možne so napake v tekstu, slike so simbolične.