

Intel BXNUC10I3FNHFA

Intel NUC 10 Performance Mini PC User Manual

Model: BXNUC10I3FNHFA

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Intel NUC 10 Performance Mini PC. Please read this guide thoroughly before using the device to ensure proper functionality and safety. Keep this manual for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- Intel NUC 10 Performance Mini PC (Model: BXNUC10I3FNHFA)
- Power Adapter
- Documentation (Quick Start Guide, Safety Information)



Image 2.1: Front view of the Intel NUC 10 Mini PC.



Image 2.2: The included power adapter for the Intel NUC.

3. PRODUCT OVERVIEW

Familiarize yourself with the ports and features of your Intel NUC 10 Mini PC.

3.1 Front Panel



Image 3.1: Front panel of the Intel NUC 10 Mini PC.

- **SD Card Slot:** For inserting SD memory cards.
- **USB 3.1 Gen2 Type-C Port:** High-speed data transfer.
- **USB 3.1 Gen2 Type-A Port:** High-speed data transfer for standard USB devices.
- **Headphone/Microphone Combo Jack:** For audio input and output.
- **Power Button:** To turn the device on or off.

3.2 Rear Panel



Image 3.2: Rear panel of the Intel NUC 10 Mini PC.

- **DC Power Input (19V):** Connect the power adapter here.
- **HDMI Port:** Connect to a display device (monitor, TV).
- **Ethernet (RJ45) Port:** For wired network connection.
- **2x USB 3.1 Gen2 Type-A Ports:** Additional high-speed USB ports.
- **USB 3.1 Gen2 Type-C Port (Thunderbolt 3):** High-speed data, display, and power delivery.
- **Kensington Lock Slot:** For physical security.

4. SETUP

Follow these steps to set up your Intel NUC 10 Mini PC.

4.1 Connecting Peripherals

1. **Connect Display:** Connect your monitor or TV to the HDMI port on the rear panel.
2. **Connect USB Devices:** Plug in your keyboard, mouse, and other USB peripherals into the available USB-A or USB-C ports.
3. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable to the RJ45 port. Wireless connectivity is also available.
4. **Connect Power:** Plug the power adapter into the DC power input on the rear panel, then plug the power cord into an electrical outlet.

4.2 Initial Power On

After connecting all necessary peripherals and power, press the power button on the front panel to turn on

your Intel NUC. The power indicator light will illuminate.

5. OPERATING INSTRUCTIONS

5.1 Initial Boot and Windows Setup

Upon the first power-on, the system will guide you through the Windows 10 Home setup process. Follow the on-screen instructions to configure your language, region, network, and user account.

5.2 Basic Operation

- **Power On/Off:** Press the power button to turn on. To turn off, use the Windows Start menu to select 'Shut down' or 'Restart'. A short press of the power button can also initiate sleep mode.
- **Sleep Mode:** The system can enter sleep mode to save power. Wake it by moving the mouse, pressing a keyboard key, or pressing the power button.
- **Updates:** Ensure your Windows operating system and drivers are kept up-to-date for optimal performance and security.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your Intel NUC.

- **Cleaning:** Use a soft, dry cloth to clean the exterior. For vents, use compressed air to remove dust buildup. Do not use liquid cleaners directly on the device.
- **Software Updates:** Regularly check for and install updates for Windows 10 and Intel drivers.
- **Ventilation:** Ensure the NUC is placed in a well-ventilated area and that the vents are not obstructed.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Issue	Possible Solution
No power / System does not turn on	Verify the power adapter is securely connected to both the NUC and a working electrical outlet. Test the outlet with another device.
No display on monitor	Ensure the display cable (HDMI) is securely connected to both the NUC and the monitor. Check the monitor's input source settings.
No internet connection	For wired connection, check Ethernet cable and router. For wireless, ensure Wi-Fi is enabled and connected to the correct network. Restart router/modem.
System is slow or unresponsive	Close unnecessary applications. Check for background updates. Restart the system. Ensure adequate ventilation to prevent overheating.
USB devices not recognized	Try a different USB port. Ensure device drivers are installed. Restart the NUC.

8. SPECIFICATIONS

Key technical specifications for the Intel NUC 10 Performance Mini PC (Model: BXNUC10I3FNHFA).

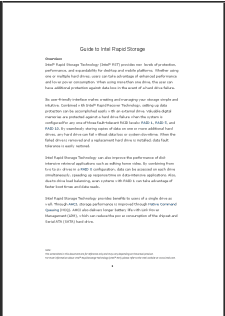
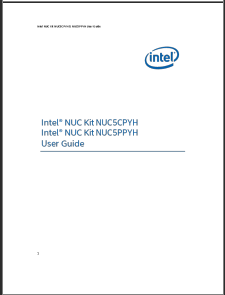
Feature	Detail
Processor	Intel Core i3 (10th Generation)
RAM	4GB
Storage	1TB HDD + 16GB Intel Optane Memory
Graphics	Intel UHD Graphics 630 (Integrated)
Operating System	Windows 10 Home
Dimensions (LxWxH)	4.41 x 4.61 x 2.01 inches
Weight	2.64 pounds
Connectivity	Wi-Fi, Bluetooth, Ethernet
Ports	HDMI, USB 3.1 Gen2 Type-A, USB 3.1 Gen2 Type-C (Thunderbolt 3), SD Card Slot, Headphone/Mic Combo Jack, Ethernet

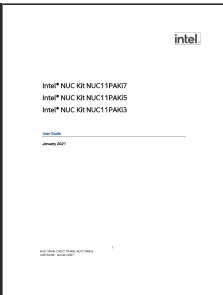
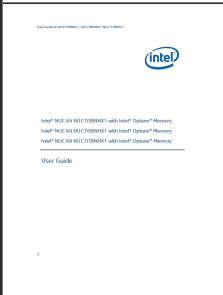
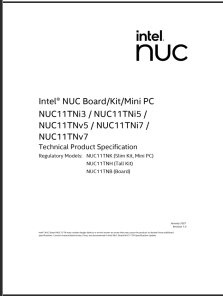
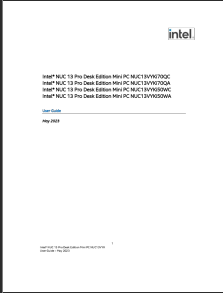
9. WARRANTY AND SUPPORT

Your Intel NUC 10 Performance Mini PC comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official Intel support website.

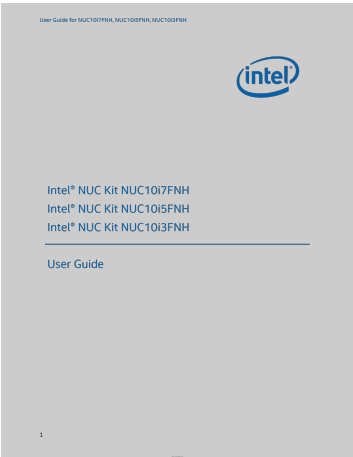
For technical assistance, driver downloads, or further support, please visit the [Intel Support Website](#).

Related Documents - BXNUC10I3FNHFA

	Guide to Intel Rapid Storage Technology Comprehensive guide to Intel Rapid Storage Technology (RST), covering its features, benefits, installation, creating and deleting RAID arrays using the Intel Optane Memory and Storage Management application and system BIOS, installing operating systems on RAID volumes, and using RAID with an existing OS. Includes instructions for ASRock motherboards.
	Intel NUC Kit NUC5CPYH & NUC5PPYH User Guide: Installation and Setup Comprehensive user guide for Intel NUC Kit NUC5CPYH and NUC5PPYH, covering installation of memory, storage, VESA mount, operating systems, and drivers. Includes safety precautions and setup instructions.

	Intel NUC Kit NUC11PAKi Series User Guide Step-by-step installation guide for Intel NUC Kit NUC11PAKi7, NUC11PAKi5, and NUC11PAKi3. Covers opening the chassis, installing memory and storage, VESA mounting, power connection, OS installation, and driver updates.
	Intel NUC Kit NUC7i3BNHX1, NUC7i5BNHX1, NUC7i7BNHX1 User Guide Comprehensive user guide for installing and operating Intel NUC Kits NUC7i3BNHX1, NUC7i5BNHX1, and NUC7i7BNHX1, covering memory and storage installation, VESA mounting, power connection, and driver installation.
	Intel® NUC NUC11TN Series Technical Product Specification Detailed technical specifications for Intel® NUC Board, Kit, and Mini PC NUC11TN series, covering processors, memory, graphics, storage, and connectivity.
	Intel NUC 13 Pro Desk Edition Mini PC User Guide Comprehensive user guide for the Intel NUC 13 Pro Desk Edition Mini PC, covering installation, upgrades, setup, and recovery. Includes detailed instructions for models NUC13VYKI70QC, NUC13VYKI70QA, NUC13VYKI50WC, and NUC13VYKI50WA.

Documents - Intel – BXNUC10i3FNHF

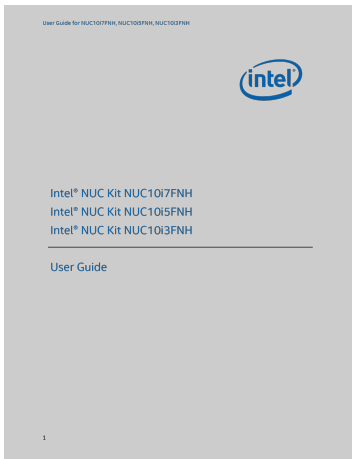


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NUC10i7FNH Intel NUC Kit NUC10i5FNH Intel NUC Kit NUC10i3FNH User Guide 1
<https://manual-hub.com/> User Guide for NUC10i7FNH, NUC10i5FNH, NUC10i3FNH
Before You Begin CAUTIONS The steps in this guide assume you re familiar with compu...

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[Intel NUC 10 Performance Kit User Guide: Installation and Setup](#)

Comprehensive user guide for Intel NUC 10 Performance Kits (NUC10i7FNH, NUC10i5FNH, NUC10i3FNH), covering installation of memory, M.2 SSDs, 2.5 drives, VESA mounting, power connection, OS installation, and driver updates.

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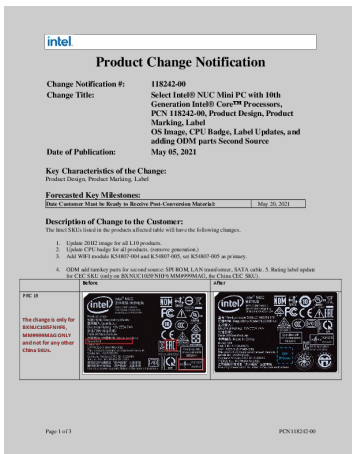
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[Intel NUC 10 Performance Frost Canyon: Compact Powerhouse](#)

Explore the Intel NUC 10 Performance, codenamed Frost Canyon. This compact computing solution offers powerful 10th Gen Intel Core processors (i3, i5, i7), DDR4 memory support, M.2 SSDs, and multiple display outputs for a versatile computing experience.

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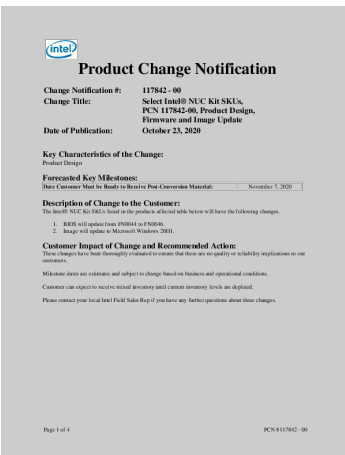
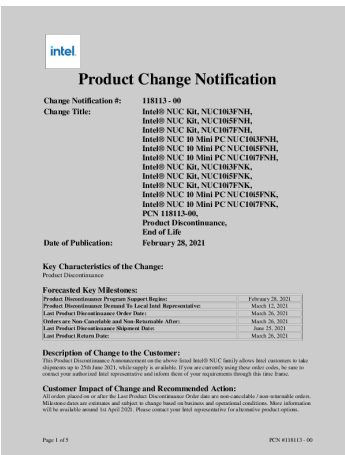
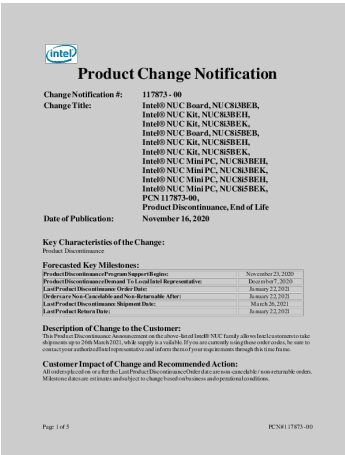
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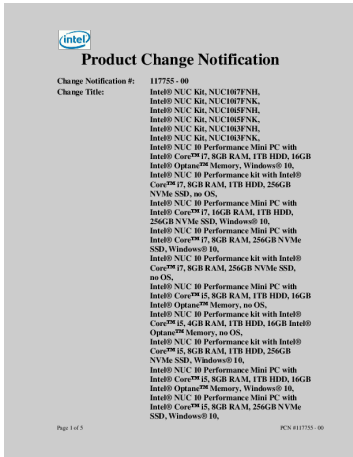
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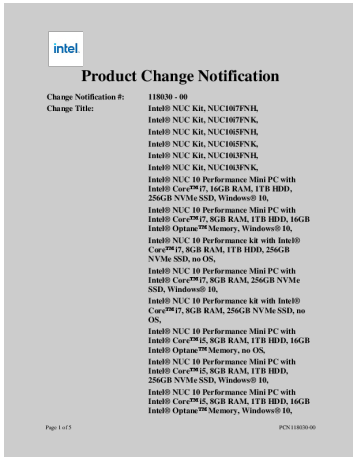
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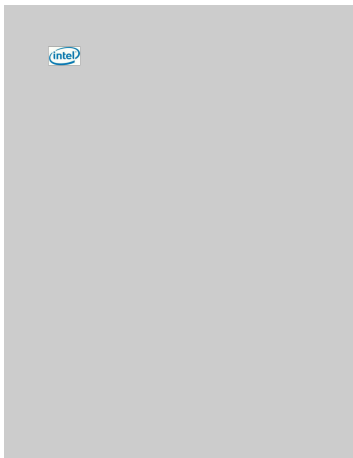
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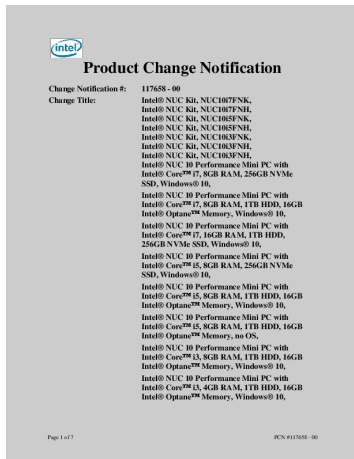
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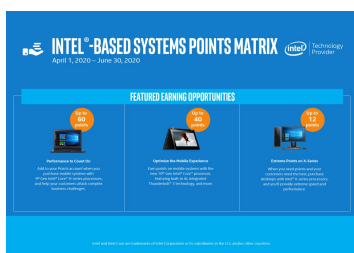
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