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Intel NUC13ANHi3

Intel NUC 13 Pro NUC13ANHi3 Barebone System User Manual

Model: NUC13ANHi3

INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your Intel NUC 13 Pro NUC13ANHi3 Barebone System. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. The Intel NUC kit features a customizable board and chassis that are ready to accept a wide variety of memory, storage, and operating systems.



Front view of the Intel NUC 13 Pro NUC13ANHi3 Barebone System, showing USB ports, headphone jack, and power button.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Intel NUC 13 Pro Kit NUC13ANHi3
- Power Adapter
- US Power Cord

SETUP

1. Installing Memory (RAM)

The NUC 13 Pro NUC13ANHi3 supports DDR4 SDRAM.

1. Unscrew the bottom cover of the NUC.
2. Locate the DDR4 SDRAM compatible slots.
3. Gently insert the memory modules into the slots until they click into place.
4. Replace the bottom cover.

2. Installing Storage (HDD/SSD)

The system supports Serial ATA interface for storage.

1. With the bottom cover removed, locate the storage bay.
2. Connect your HDD or SSD to the Serial ATA connector.
3. Secure the drive within the bay using the provided screws (if applicable).
4. Replace the bottom cover.

3. Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals.



Rear view of the Intel NUC 13 Pro NUC13ANHi3, illustrating the power input, HDMI ports, Ethernet port, and USB ports.

- **Display:** Connect your monitor(s) to the HDMI ports.
- **USB Devices:** The system supports up to 7 USB peripherals, including 2 USB 2.0 ports. Connect your keyboard, mouse, and other USB devices to the available USB ports.
- **Network:** For wired network connectivity, connect an Ethernet cable to the 2.5 Gigabit Ethernet port.
- **Power:** Connect the power adapter to the NUC and then to a power outlet.

OPERATING SYSTEM INSTALLATION

The Intel NUC 13 Pro NUC13ANHi3 is a barebone system, requiring the user to install an operating system. Supported operating systems include Red Hat Linux, Ubuntu Linux, Windows 10, Windows 11 Home, and Windows 11 Pro.

1. Prepare a bootable USB drive with your chosen operating system installer.
2. Insert the USB drive into an available USB port on the NUC.
3. Power on the NUC and enter the BIOS/UEFI setup (usually by pressing F2 or Delete during startup).
4. Configure the boot order to prioritize the USB drive.
5. Save changes and exit BIOS/UEFI. The system will boot from the USB drive, allowing you to proceed with the OS installation.

OPERATION

Powering On/Off

- **To Power On:** Press the power button located on the front panel.
- **To Power Off:** Use the operating system's shutdown function. Alternatively, press and hold the power button for 4 seconds to force a shutdown (use only when necessary).

BIOS/UEFI Access

To access the BIOS/UEFI settings, power on the NUC and repeatedly press the **F2** key (or **Delete** key on some models) during the initial boot sequence.

MAINTENANCE

Cleaning

- Ensure the device is powered off and unplugged before cleaning.
- Use a soft, dry cloth to wipe the exterior of the NUC.
- For dust accumulation in vents, use compressed air. Do not spray liquids directly onto the device.

Software Updates

Regularly update your operating system, drivers, and BIOS/UEFI firmware to ensure optimal performance and security. Visit the official Intel support website for the latest updates specific to the NUC13ANHi3 model.

TROUBLESHOOTING

- **No Power:**
Ensure the power adapter is securely connected to both the NUC and a working power outlet. Verify the power cord is properly seated in the adapter.
- **No Display:**
Check that the monitor is powered on and correctly connected to the NUC's HDMI port. Try a different HDMI cable or monitor if available. Ensure RAM modules are properly seated.
- **Operating System Not Booting:**
Verify that the storage drive (HDD/SSD) is correctly installed and detected in BIOS/UEFI. Check the boot order in BIOS/UEFI to ensure the correct drive is prioritized. Reinstall the operating system if necessary.

- **Peripheral Not Detected:**
Try connecting the peripheral to a different USB port. Ensure necessary drivers are installed for the peripheral within your operating system.

SPECIFICATIONS


Feature	Detail
Model	NUC13ANHi3
Processor	Intel Core i3-1315U Hexa-core (6 Core), 4.5 GHz
RAM Type	DDR4 SDRAM (up to 64GB)
Storage Interface	Serial ATA
Graphics	Intel UHD Graphics (Integrated)
Network	2.5 Gigabit Ethernet, 802.11ax Wireless
USB Ports	Up to 7 USB peripherals (includes 2 USB 2.0 ports)
Video Output	HDMI (Max Resolution: 1920x1080)
Operating Systems Supported	Red Hat Linux, Ubuntu Linux, Windows 10, Windows 11 Home, Windows 11 Pro
Dimensions (LxWxH)	4.6 x 4.4 x 2.1 inches
Item Weight	3.35 pounds

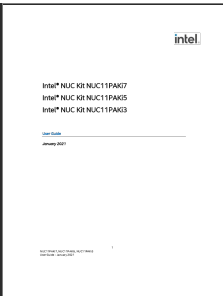
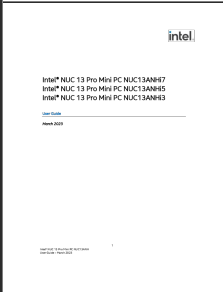
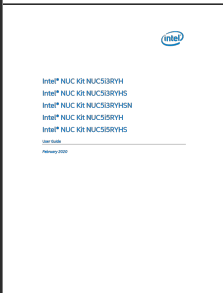
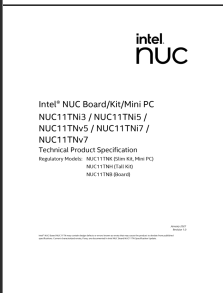
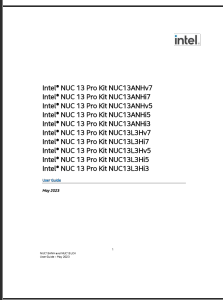
WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Intel support website.
Online Support: [Intel NUC Support](#)



Related Documents - NUC13ANHi3

	<p>Intel NUC 13 Pro Mini PC Quick Start Guide</p> <p>Quick start guide for the Intel NUC 13 Pro Mini PC, covering setup, connections, and basic features. Includes model information and support resources.</p>
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 <p>intel</p> <p>Intel® NUC Kit NUC11PAKi7 Intel® NUC Kit NUC11PAKi5 Intel® NUC Kit NUC11PAKi3</p> <p>Intel® NUC Kit NUC11PAKi Series User Guide</p> <p>January 2021</p>	<p>Intel NUC Kit NUC11PAKi Series User Guide</p> <p>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.</p>
 <p>intel</p> <p>Intel® NUC 13 Pro Mini PC NUC13ANHi7 Intel® NUC 13 Pro Mini PC NUC13ANHi5 Intel® NUC 13 Pro Mini PC NUC13ANHi3</p> <p>Intel® NUC 13 Pro Mini PC User Guide: Installation and Setup</p> <p>March 2023</p>	<p>Intel NUC 13 Pro Mini PC User Guide: Installation and Setup</p> <p>Comprehensive user guide for the Intel NUC 13 Pro Mini PC series (NUC13ANHi7, NUC13ANHi5, NUC13ANHi3), covering installation, upgrades, setup, and recovery.</p>
 <p>intel</p> <p>Intel® NUC Kit NUC5i3RYH Intel® NUC Kit NUC5i3RYHS Intel® NUC Kit NUC5i3RYHSN Intel® NUC Kit NUC5i5RYH Intel® NUC Kit NUC5i5RYHS</p> <p>Intel® NUC Kit NUC5i3RYH and NUC5i5RYH User Guide</p> <p>February 2022</p>	<p>Intel NUC Kit NUC5i3RYH and NUC5i5RYH User Guide</p> <p>This user guide provides step-by-step installation instructions for Intel NUC Kits NUC5i3RYH, NUC5i3RYHS, NUC5i3RYHSN, NUC5i5RYH, and NUC5i5RYHS, covering chassis opening, memory installation, SSD installation, closing the chassis, VESA bracket usage, power connection, operating system installation, and driver updates.</p>
 <p>intel nuc</p> <p>Intel® NUC Board/Kit/Mini PC NUC11TNi3 / NUC11TNi5 / NUC11TNv5 / NUC11TNv7 / NUC11TNv7 Technical Product Specification Regulatory Models: NUC11TNv5 (EU, HK, HK, HK) NUC11TNv7 (EU, HK, HK, HK) NUC11TNv7 (EU, HK, HK, HK)</p> <p>Intel® NUC NUC11TN Series Technical Product Specification</p> <p>January 2021</p>	<p>Intel® NUC NUC11TN Series Technical Product Specification</p> <p>Detailed technical specifications for Intel® NUC Board, Kit, and Mini PC NUC11TN series, covering processors, memory, graphics, storage, and connectivity.</p>
 <p>intel</p> <p>Intel® NUC 13 Pro Kit NUC13ANHi7 Intel® NUC 13 Pro Kit NUC13ANHi5 Intel® NUC 13 Pro Kit NUC13ANHi3 Intel® NUC 13 Pro Kit NUC13L3Hi7 Intel® NUC 13 Pro Kit NUC13L3Hi5 Intel® NUC 13 Pro Kit NUC13L3Hi3</p> <p>Intel® NUC 13 Pro Kit User Guide: Installation and Setup</p> <p>May 2023</p>	<p>Intel NUC 13 Pro Kit User Guide: Installation and Setup</p> <p>Comprehensive user guide for the Intel NUC 13 Pro Kit, detailing installation of memory, SSDs, and other components, along with setup and driver installation. Covers models NUC13ANHi7, NUC13ANHi5, NUC13ANHi3, NUC13L3Hi7, NUC13L3Hi5, and NUC13L3Hi3.</p>