

Intel BOXNUC7I5BNKP

Intel NUC 7 Home Mini PC User Manual (Model: BOXNUC7I5BNKP)

1. INTRODUCTION

This manual provides comprehensive instructions for the Intel NUC 7 Home Mini PC, model BOXNUC7I5BNKP. It covers initial setup, operational guidelines, maintenance procedures, and troubleshooting tips for this compact desktop computer. The Intel NUC 7 Home is designed to deliver desktop performance in a small form factor, featuring a 7th Generation Intel Core i5 processor, Windows 10 Home, 8GB DDR4 RAM, and a 256GB NVMe SSD.



The Intel NUC 7 Home Mini PC, showcasing its compact design and front ports.

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- Intel NUC Mini PC (BOXNUC7I5BNKP)
- VESA mounting plate
- Power cord and AC adapter
- Safety and installation guide
- Free software bundle document



Included accessories: power adapter, VESA mounting plate, and various international power plug adapters.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Intel NUC 7 Home Mini PC:

1. **Connect Peripherals:** Connect your keyboard, mouse, and monitor to the available ports. The NUC features four USB 3.0 ports (two front, two rear), an HDMI port, and a Thunderbolt 3 port for display output.
2. **Power Connection:** Connect the AC adapter to the NUC's power input port and then plug the power cord into an electrical outlet.
3. **Power On:** Press the power button located on the front panel of the NUC. The system will boot into Windows 10 Home.
4. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 10 initial setup, including language, region, network connection, and user account creation.



Front panel of the Intel NUC 7 Home Mini PC, featuring two USB 3.0 ports, a headphone/microphone jack, and the power button.



Rear panel of the Intel NUC 7 Home Mini PC, showing the power input, HDMI port, Ethernet port, two additional USB 3.0 ports, and a Thunderbolt 3 port.

4. OPERATING INSTRUCTIONS

The Intel NUC 7 Home Mini PC operates like a standard desktop computer running Windows 10 Home.

- **Power On/Off:** Use the front power button to turn the system on or off. For a controlled shutdown, use the Windows Start menu.
- **Connectivity:** Utilize the multiple USB 3.0 ports for connecting external devices. The HDMI and Thunderbolt 3 ports support up to three 4K displays for high-resolution output. Network connectivity is available via the Ethernet port or integrated Wi-Fi (802.11b/g/n).
- **Audio:** Connect headphones or speakers to the front audio jack.
- **Storage:** The system includes a 256GB NVMe SSD for fast boot times and application loading.



The Intel NUC 7 Home Mini PC integrated into a typical desktop workspace, demonstrating its small footprint.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your Intel NUC:

- **Software Updates:** Regularly check for and install Windows updates and Intel driver updates to maintain system stability and security.
- **Cleaning:** Keep the NUC's exterior clean with a soft, dry cloth. Ensure ventilation openings are free from dust accumulation to prevent overheating.
- **Environmental Conditions:** Operate the NUC in a well-ventilated area and avoid placing it in direct sunlight or near heat sources.

6. TROUBLESHOOTING

If you encounter issues with your Intel NUC, consider the following:

- **No Display Output:** Ensure the monitor is correctly connected and powered on. Try a different HDMI cable or port. If the monitor enters power-save mode and does not wake, try restarting the NUC.
- **Driver Issues:** If display or peripheral functionality is abnormal after a Windows update, visit the Intel support website to download and install the latest graphics and chipset drivers for your specific NUC model.
- **System Slowdown/Overheating:** Check that the NUC's ventilation ports are clear. Ensure the system is not running excessive background processes. If issues persist, consult Intel support.
- **USB Device Recognition:** Ensure USB devices are properly seated. If a device is not recognized, try a different USB port or update its drivers.

7. SPECIFICATIONS

Feature	Specification
Processor	Intel Core i5-7260U (7th Gen, 3.5 GHz)
RAM	8 GB DDR4
Storage	256GB NVMe SSD
Graphics	Intel Iris Plus Graphics
Operating System	Windows 10 Home
Max Screen Resolution	3840 x 2160 pixels (4K)
USB Ports	4 x USB 3.0
Video Output	HDMI, Thunderbolt 3

Wireless Connectivity	802.11b/g/n
Wired Connectivity	Ethernet
Dimensions (LxWxH)	5.35 x 3.94 x 4.92 inches
Item Weight	2.22 pounds
Model Number	BOXNUC7I5BNKP



Size comparison of the Intel NUC 7 Home Mini PC, illustrating its compact dimensions.

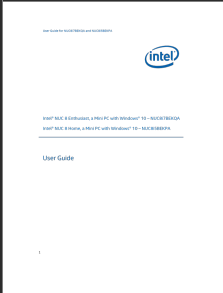
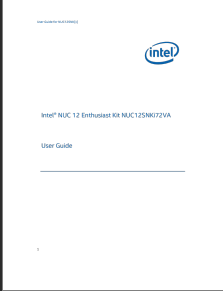
8. WARRANTY AND SUPPORT

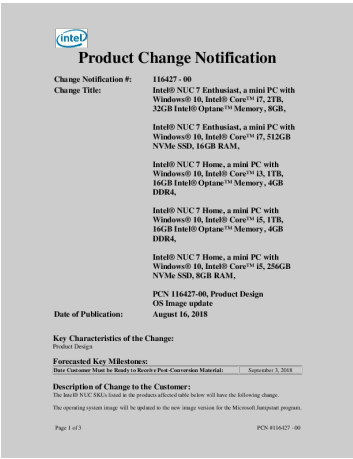
The Intel NUC 7 Home Mini PC comes with a three-year limited warranty from Intel. For technical support, warranty claims, or additional resources, please visit the official Intel support website. Keep your proof of purchase for warranty purposes.

Intel Support Website: www.intel.com/support



Related Documents - BOXNUC7I5BNKP

	Intel NUC 8 Enthusiast & Home User Guide NUC8i7BEKQA, NUC8i5BEKPA Official user guide for the Intel NUC 8 Enthusiast (NUC8i7BEKQA) and Intel NUC 8 Home (NUC8i5BEKPA) mini PCs. Learn about installation, memory upgrades, M.2 SSD installation, VESA mounting, power connection, Windows 10 setup, driver updates, and OS recovery.
	Intel NUC 12 Enthusiast Kit NUC12SNKi72VA User Guide Comprehensive user guide for the Intel NUC 12 Enthusiast Kit NUC12SNKi72VA, detailing installation of memory, M.2 SSD, VESA bracket, power connection, operating system, and drivers.

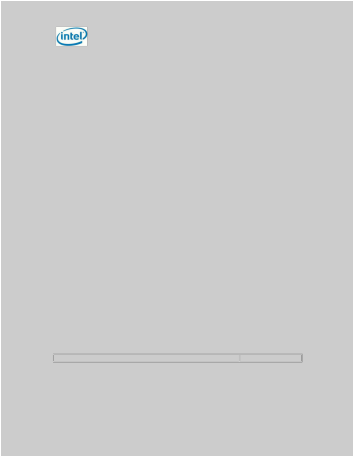


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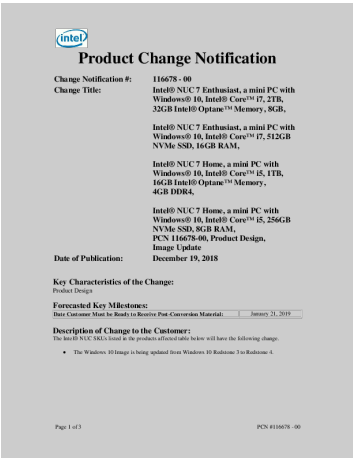


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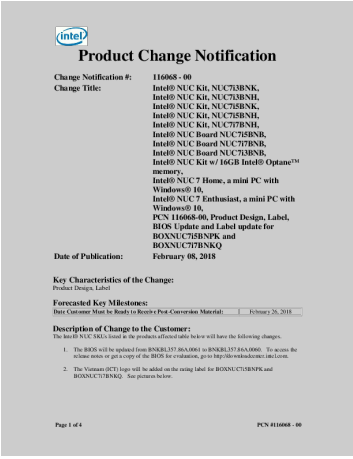


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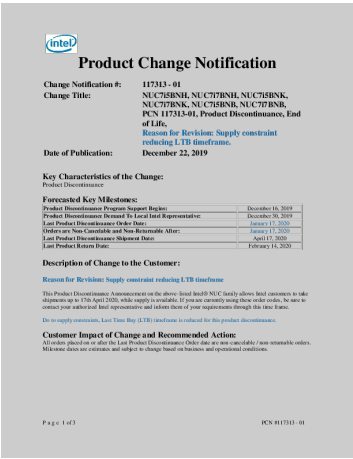


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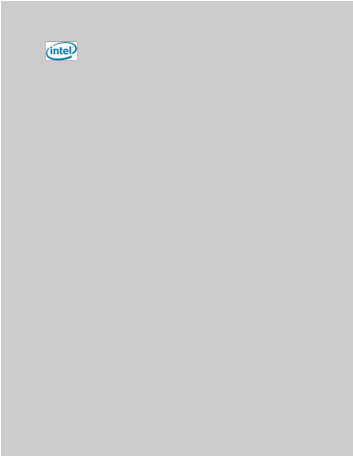
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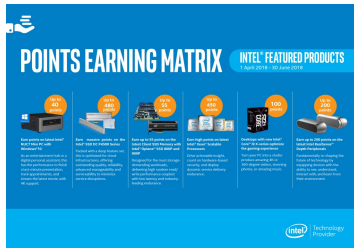


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