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ASUS RNUC13ANKI50000UI

ASUS NUC 13 Pro Slim Barebone Mini PC User Manual

Model: RNUC13ANKI50000UI | Brand: ASUS

1. Introduction

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your ASUS NUC 13 Pro Slim Barebone Mini PC. This compact and powerful system is designed for various applications, offering robust performance and extensive connectivity.
The ASUS NUC 13 Pro Slim Barebone features an Intel 13th Gen Core i5-1340P processor, support for up to 64GB DDR4 RAM, a triple storage design, Thunderbolt™ 4, Wi-Fi 6E, and Bluetooth 5.3. A VESA mount is included for flexible installation options.

2. Package Contents

Verify that all items are present in your package. If any item is missing or damaged, contact your retailer.

- ASUS NUC 13 Pro Slim Barebone Unit (RNUC13ANKI50000UI)
- VESA Mount
- AC Adapter
- Power Cord
- User Manual (this document)

3. Setup

3.1 Installing Memory and Storage

As a barebone unit, the ASUS NUC 13 Pro Slim requires user-supplied RAM and storage devices. Refer to the detailed installation guide provided with your unit for specific instructions on opening the chassis and installing SODIMM DDR4 RAM modules and M.2 SSDs or 2.5-inch drives.
Important:

- Ensure the device is powered off and disconnected from the power source before installation.

- Use anti-static precautions to prevent damage to components.
- The system supports up to 64GB DDR4 RAM and features a triple storage design for flexible storage configurations.

3.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on the NUC unit.



Figure 3.2.1: Front Panel Connectivity

The front panel includes:

- **USB 3.2 Gen 2 Type-A ports:** For connecting high-speed USB devices.
- **3.5mm Headphone/Microphone Combo Jack:** For audio input and output.
- **Power Button:** To turn the unit on or off.



Figure 3.2.2: Rear Panel Connectivity

The rear panel includes:

- **DC-in:** Connect the AC adapter here.
- **Thunderbolt™ 4 ports (x2):** For high-speed data transfer, display output, and power delivery.
- **2.5G RJ45 LAN port:** For wired network connection.
- **USB 3.2 Gen 2 Type-A ports (x2):** For additional high-speed USB devices.
- **USB 2.0 Type-A ports (x2):** For standard USB devices.
- **HDMI 2.1 ports (x2):** For connecting displays.

3.3 VESA Mount Installation

The included VESA mount allows you to attach the NUC to the back of a compatible monitor or to a wall, saving desk space. Follow the instructions provided with the VESA mount for secure installation.



Figure 3.3.1: ASUS NUC 13 Pro Slim and Tall Models

The slim form factor of the NUC 13 Pro Slim is ideal for discreet mounting.

4. Operating

4.1 Powering On/Off

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

4.2 Initial Boot and OS Installation

Upon first power-on after installing RAM and storage, you will need to install an operating system (e.g., Windows 11). Follow the on-screen prompts or refer to your operating system's installation guide.

4.3 Multi-Monitor Support

The NUC 13 Pro Slim supports connecting up to one 8K display or quad 4K@60Hz displays using the dual HDMI and dual Thunderbolt™ 4 Type-C ports. Connect your monitors to the available ports and configure display settings within your operating system.

Figure 4.3.1: NUC 13 Pro Slim in a multi-display setup

5. Maintenance

5.1 Cleaning

- Use a soft, dry cloth to clean the exterior of the unit.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Avoid spraying liquids directly onto the unit.
- Regularly clean dust from ventilation grilles using compressed air to maintain optimal airflow.

5.2 Software and Driver Updates

Keep your operating system, drivers, and BIOS updated to ensure optimal performance and security. Visit the ASUS support website for the latest drivers and firmware for your NUC model.

6. Troubleshooting

This section addresses common issues you might encounter with your ASUS NUC 13 Pro Slim.

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty adapter, power outlet issue.	Check power cable connections, try a different power outlet, ensure AC adapter is functioning.
No display output	Monitor cable loose, incorrect input selected on monitor, driver issue.	Verify monitor cable connections (HDMI/Thunderbolt), select correct input on monitor, update graphics drivers.
System freezes or crashes	Overheating, faulty RAM/storage, software conflict.	Ensure proper ventilation, check RAM/storage installation, update drivers/OS, run diagnostic tools.
Wi-Fi/Bluetooth issues	Drivers not installed, interference, hardware fault.	Install/update wireless drivers, check for physical obstructions, ensure antennas are connected (if applicable).

If problems persist, consult the ASUS support website or contact customer service.

7. Specifications

Detailed technical specifications for the ASUS NUC 13 Pro Slim Barebone Mini PC (Model RNUC13ANKI50000UI).

Feature	Detail

Feature	Detail	
Brand	ASUS	
Model Number	RNUC13ANKI50000UI	
Processor	Intel 13th Gen Core i5-1340P (1.9 GHz base, up to 4.6 GHz)	
Graphics	Integrated Intel Iris Xe Graphics	
RAM Type	DDR4 SODIMM (2 slots)	
Max RAM Capacity	64 GB	
Storage Design	Triple Storage (M.2 SSD, 2.5-inch drive support)	
Video Output	2x HDMI 2.1, 2x Thunderbolt™ 4 (DisplayPort Alt Mode)	
USB Ports	2x USB 3.2 Gen 2 Type-A (front), 2x USB 3.2 Gen 2 Type-A (rear), 2x USB 2.0 Type-A (rear)	
Networking	2.5G RJ45 LAN, Wi-Fi 6E (802.11ax), Bluetooth 5.3	
Audio	3.5mm Headphone/Microphone Combo Jack	
Security	Kensington Lock Slot	
Dimensions (L x W x H)	4.61 x 4.41 x 1.45 inches (117 x 112 x 37 mm)	
Weight	Power Consumption	120 Watts (AC Adapter)
Operating System	Not included (Barebone)	

8. Warranty and Support

8.1 Warranty Information

This ASUS NUC 13 Pro Slim Barebone Mini PC comes with a 3-year manufacturer's warranty. The warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the warranty card included with your product or visit the official ASUS support website.

8.2 Customer Support

For technical assistance, driver downloads, FAQs, or service requests, please visit the official ASUS support website:

www.asus.com/support/

You may also contact ASUS customer service directly through the contact information provided on their support portal.

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