

ASUS RNUC15CRKC70002

ASUS NUC 15 Pro Slim PC Kit RNUC15CRKC70002 User Manual

Model: RNUC15CRKC70002

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your ASUS NUC 15 Pro Slim PC Kit RNUC15CRKC70002. Please read this guide thoroughly before using the device to ensure proper functionality and safety.

2. PACKAGE CONTENTS

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

- ASUS NUC 15 Pro Slim PC Kit (RNUC15CRKC70002)
- Power Adapter
- Power Cable (EU type)
- Documentation (Quick Start Guide, Warranty Card)

3. PRODUCT OVERVIEW

Familiarize yourself with the external components and ports of your ASUS NUC 15 Pro Slim PC Kit.

3.1 Front Panel



Image: Front view of the ASUS NUC 15 Pro Slim PC Kit, showing the ASUS NUC logo on top, ASUS branding on the front, and various USB ports and the power button. From left to right, a USB-C 20G port, two USB-A 10G ports, and the power button.

- **USB-C (20G):** High-speed USB Type-C port for data transfer.
- **USB-A (10G):** Two high-speed USB Type-A ports for connecting peripherals.
- **Power Button:** Press to power on or off the device.

3.2 Rear Panel



Image: Rear view of the ASUS NUC 15 Pro Slim PC Kit, displaying a range of connectivity options including power input, HDMI ports, Ethernet, USB ports, and Thunderbolt ports. From left to right, DC IN, two HDMI ports, a 2.5G Ethernet port, a USB-A 10G port, a USB-A 2.0 port, and two Thunderbolt 4 ports.

- **DC IN:** Connect the power adapter here.
- **HDMI 2.1 Ports:** Two ports for connecting displays.
- **2.5G Ethernet Port:** For wired network connection.
- **USB-A (10G):** High-speed USB Type-A port.
- **USB-A (2.0):** Standard USB Type-A port.
- **Thunderbolt 4 Ports (with DisplayPort 2.1 and USB4 compatibility):** Two versatile ports for high-speed data, display output, and power delivery.

3.3 Side Panel



Image: Side view of the ASUS NUC 15 Pro Slim PC Kit, showing a Kensington lock slot and extensive ventilation grilles for heat dissipation.

- **Ventilation Grilles:** Ensure these are not obstructed for proper airflow.
- **Kensington Lock Slot:** For securing the device.

3.4 Bottom Panel



Image: Bottom view of the ASUS NUC 15 Pro Slim PC Kit, showing four rubber feet for stability and mounting points for VESA compatibility.

- **Rubber Feet:** Provide stability and prevent slipping.
- **Mounting Points:** For VESA mount compatibility (mount sold separately).

4. SETUP INSTRUCTIONS

This section guides you through the initial hardware installation and connection process.

4.1 Hardware Installation (RAM and SSD)

The ASUS NUC 15 Pro Slim PC Kit requires user-supplied RAM and an SSD. Refer to the detailed installation guide provided with your kit for specific instructions on opening the chassis and installing components. Ensure the device is powered off and unplugged before performing any internal installations.

1. **Prepare the NUC:** Place the NUC on a flat, stable surface.
2. **Access Internal Components:** Carefully remove the bottom cover of the NUC according to the specific model's instructions.
3. **Install RAM:** Insert DDR5 SO-DIMM modules into the memory slots, ensuring they are seated correctly until the clips snap into place. The NUC supports up to 96GB of DDR5-6400 memory.
4. **Install SSD:** Install your PCIe Gen5 NVMe SSD into the designated M.2 slot. Secure it with the provided screw.
5. **Reassemble:** Carefully replace the bottom cover and secure it.

4.2 Connecting Peripherals

1. **Connect Display:** Connect your monitor(s) to the HDMI 2.1 or Thunderbolt 4 ports using appropriate cables. The NUC supports up to four 4K displays.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into any available USB-A ports on the front or rear panel.
3. **Connect Network:** For a wired connection, connect an Ethernet cable from your router or modem to the 2.5G Ethernet port. For wireless, ensure your Wi-Fi 7 antenna is properly connected (if external) or that the internal antenna is functional.
4. **Connect Power:** Connect the power adapter to the DC IN port on the rear panel, then plug the power cable into an electrical outlet.

4.3 Initial Power On

After connecting all necessary components and peripherals:

1. Press the Power Button on the front panel.
2. The system will initiate the boot process.
3. If no operating system is installed, the system will typically enter the BIOS/UEFI setup or display a boot error.

5. OPERATING INSTRUCTIONS

5.1 Operating System Installation

Since this is a PC Kit without a pre-installed operating system, you will need to install one. The NUC supports various operating systems, including Windows 11 Pro (as indicated in specifications).

1. **Prepare Installation Media:** Create a bootable USB drive with your preferred operating system (e.g., Windows, Linux).
2. **Access BIOS/UEFI:** During startup, repeatedly press the designated key (often **Del** or **F2**) to enter the BIOS/UEFI setup.
3. **Configure Boot Order:** Navigate to the boot options and set your USB installation media as the primary boot device.
4. **Save and Exit:** Save your changes and exit the BIOS/UEFI. The system will restart and boot from the USB drive.
5. **Follow OS Installation Prompts:** Proceed with the on-screen instructions to install the operating system.

5.2 Driver Installation

After OS installation, install the necessary drivers for optimal performance. Drivers can typically be found on the ASUS support website for your specific model (RNUC15CRKC70002).

- **Chipset Drivers:** Essential for core system functionality.
- **Graphics Drivers:** For Intel Arc Graphics.
- **Network Drivers:** For Intel Wi-Fi 7 and 2.5G Ethernet.
- **Bluetooth Drivers:** For Bluetooth 5.4.
- **USB/Thunderbolt Drivers:** For proper functionality of all ports.

5.3 Basic Operation

Once the operating system and drivers are installed, your NUC is ready for use. Operate it like any standard desktop computer. Utilize the multiple display outputs, high-speed USB ports, and network connectivity for your tasks.

6. MAINTENANCE

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

- **Cleaning:**
 - Keep the exterior clean with a soft, dry cloth.
 - Periodically clean the ventilation grilles to prevent dust buildup, which can impede airflow and cause overheating. Use compressed air if necessary, ensuring the device is powered off.
- **Software Updates:**
 - Regularly update your operating system, drivers, and BIOS/UEFI firmware. Visit the ASUS support website for the latest updates.
- **Environmental Conditions:**
 - Operate the NUC in a well-ventilated area, away from direct sunlight, heat sources, and excessive dust or moisture.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

7.1 No Power

- Ensure the power adapter is securely connected to the NUC and the electrical outlet.
- Verify the power outlet is functional.
- Check the power adapter for any visible damage.

7.2 No Display Output

- Ensure the monitor is powered on and correctly connected to the NUC via HDMI or Thunderbolt.
- Try a different display cable or port.
- Verify the monitor input source is set correctly.
- If you recently installed RAM, ensure it is properly seated.

7.3 Operating System Not Booting

- Check if the SSD is properly installed and detected in the BIOS/UEFI.
- Verify the boot order in BIOS/UEFI is set to boot from your installed OS drive.
- If you just installed the OS, ensure the installation completed successfully.

7.4 Network Connectivity Issues

- **Wired:** Ensure the Ethernet cable is securely connected to both the NUC and the router/modem. Check router status.
- **Wireless:** Verify Wi-Fi is enabled in the operating system. Check router status and ensure you are within range. Reinstall Wi-Fi drivers if necessary.

8. SPECIFICATIONS

Detailed technical specifications for the ASUS NUC 15 Pro Slim PC Kit RNUC15CRKC70002.

Feature	Specification
Brand	ASUS
Model Number	RNUC15CRKC70002
Processor	Intel Core 7 240H (3.4 GHz)
Graphics	Intel Arc Graphics (Integrated)
RAM Type	DDR5 SO-DIMM
Memory Speed	6400 MHz
Max RAM Support	Up to 96GB
Storage Type	NVMe SSD (PCIe Gen5 and Gen4 expansion slots)
Wireless Connectivity	Intel Wi-Fi 7, Bluetooth 5.4
Ethernet	2.5G Ethernet
Display Outputs	2x HDMI 2.1, 2x Thunderbolt 4 (DisplayPort 2.1, USB4 compatible)
USB Ports (Front)	1x USB-C (20G), 2x USB-A (10G)
USB Ports (Rear)	1x USB-A (10G), 1x USB-A (2.0)
Operating System	None (Kit, supports Windows 11 Pro)
Dimensions (LxWxH)	4.61 x 4.41 x 1.46 inches (11.7 x 11.2 x 3.7 cm)
Weight	1.1 pounds (0.5 kg)

9. SAFETY INFORMATION

Observe the following safety guidelines to prevent damage to the device or injury to yourself.

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid placing the device near strong magnetic fields.
- Use only the provided power adapter and cable.

- Do not attempt to open or repair the device yourself, except for specified component upgrades (RAM/SSD). Refer to qualified service personnel for other repairs.
- Ensure proper ventilation; do not block any vents.
- Keep the device away from liquids.




10. WARRANTY AND SUPPORT




For warranty information, please refer to the warranty card included in your package or visit the official ASUS support website. ASUS provides technical support and resources for their products.

ASUS Support Website: <https://www.asus.com/support/>

When contacting support, please have your product model (RNUC15CRKC70002) and serial number ready.

Related Documents - RNUC15CRKC70002

	<p>Ръководство на потребителя за Asus NUC 14 Pro, Slim Kit</p> <p>Подробно ръководство за потребителя за мини компютъра Asus NUC 14 Pro, Slim Kit, включващо преглед на устройството, описание на продукта, съвети за безопасност, инструкции за употреба и почистване, както и регулаторна информация.</p>
	<p>ASUS NUC 14 Pro/Pro+ Technical Product Specification</p> <p>Detailed technical specifications for the ASUS NUC 14 Pro and NUC 14 Pro+ series, covering board layout, components, features, technical references, and BIOS information for models including NUC14RVK, NUC14RVH, NUC14RVS, and NUC14RVB.</p>
	<p>ASUS NUC 13 Pro Technical Product Specification - Mini PC, Board, Kit</p> <p>Detailed technical product specification for the ASUS NUC 13 Pro series, covering Mini PC, Kit, and Board variants. Includes layout, features, technical references, and BIOS information.</p>

<div data-bbox="236 91 311 380"></div> <div data-bbox="142 188 226 217"><p>TUF Z370-PLUS GAMING II</p></div>	<p>مشخصات، نصب و تنظیمات ASUS TUF Z370-PLUS GAMING II: راهنمای مادربرد</p> <p>شامل مشخصات فنی، چیدمان قطعات، راهنمای جامع مادربرد و ویژگی‌های خاص ایسوس، RAID و BIOS و حافظه، تنظیمات CPU دستورالعمل‌های نصب</p>
<div data-bbox="236 593 311 882"></div> <div data-bbox="134 678 218 698"><p>TUF GAMING B660-PLUS WIFI D4</p></div>	<p>ASUS TUF Gaming B660-PLUS WIFI D4 Motherboard User Manual</p> <p>Comprehensive user manual for the ASUS TUF Gaming B660-PLUS WIFI D4 ATX motherboard. Includes installation guides, specifications, safety information, BIOS setup, and support details.</p>
<div data-bbox="122 925 311 1191"></div> <div data-bbox="122 967 231 1164"><p>ASUS NUC 12 PRO Engineered for Business and Commercial Needs</p><p>ASUS NUC 12 PRO is a 12th Gen Intel® Core™ processor-based mini PC designed for business and commercial use. It features a compact 4x4 design, powerful performance, and a wide range of connectivity options. The NUC 12 PRO is available in various configurations, including Intel® Core™ i3, i5, and i7 processors, 8GB or 16GB RAM, and 128GB or 512GB SSD storage. It also features a variety of ports, including USB-C, USB-A, and DisplayPort, as well as a Wi-Fi 6E network adapter. The NUC 12 PRO is a versatile and powerful mini PC that is perfect for business and commercial use.</p></div>	<p>ASUS NUC 12 PRO Mini PCs, Kits, and Boards: Business and Commercial Solutions</p> <p>Explore the ASUS NUC 12 Pro series, featuring 12th Gen Intel® Core™ processors for powerful performance in a compact 4x4 design. Ideal for business, collaboration, digital signage, and edge computing.</p>