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## ASUS RNUC15CRKI3063CU

# ASUS NUC 15 Pro Slim Mini PC User Manual

Model: RNUC15CRKI3063CU

## 1. INTRODUCTION AND OVERVIEW

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The ASUS NUC 15 Pro Slim Mini PC is a compact and powerful computing solution designed for various applications, from business productivity to everyday personal use. This model (RNUC15CRKI3063CU) comes fully configured with an Intel Series 1 Core 3 100U processor, 16GB DDR5 RAM, a 512GB PCIe G4x4 NVMe SSD, and Windows 11 Pro. It offers extensive connectivity options including Thunderbolt™ 4, Wi-Fi 7, and Bluetooth 5.4, all within a tool-less chassis for easy upgrades.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ASUS NUC 15 Pro Slim Mini PC.



Figure 1: ASUS NUC 15 Pro Slim Mini PC, a compact and powerful computing device.

## 2. WHAT'S IN THE BOX

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Carefully unpack your ASUS NUC 15 Pro Slim Mini PC and ensure all items are present:

- ASUS NUC 15 Pro Slim Mini PC (Model: RNUC15CRKI3063CU)
- VESA Mount Kit
- AC Power Adapter
- Power Cord

## 3. SETUP INSTRUCTIONS

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### 3.1 Connecting Peripherals

Before powering on your Mini PC, connect all necessary peripherals:

1. **Connect Display:** Use an HDMI 2.1 or Thunderbolt 4 cable to connect your monitor(s) to the corresponding ports on

the Mini PC. The device supports up to four 4K displays.

2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB 3.0 or USB 2.0 ports.
3. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable to the 2.5Gb Ethernet port. For wireless, ensure your Wi-Fi network is available during initial setup.
4. **Connect Power:** Plug the AC Power Adapter into the DC-in port on the Mini PC, then connect the power cord to an electrical outlet.

# Extensive Connectivity

## Front Side

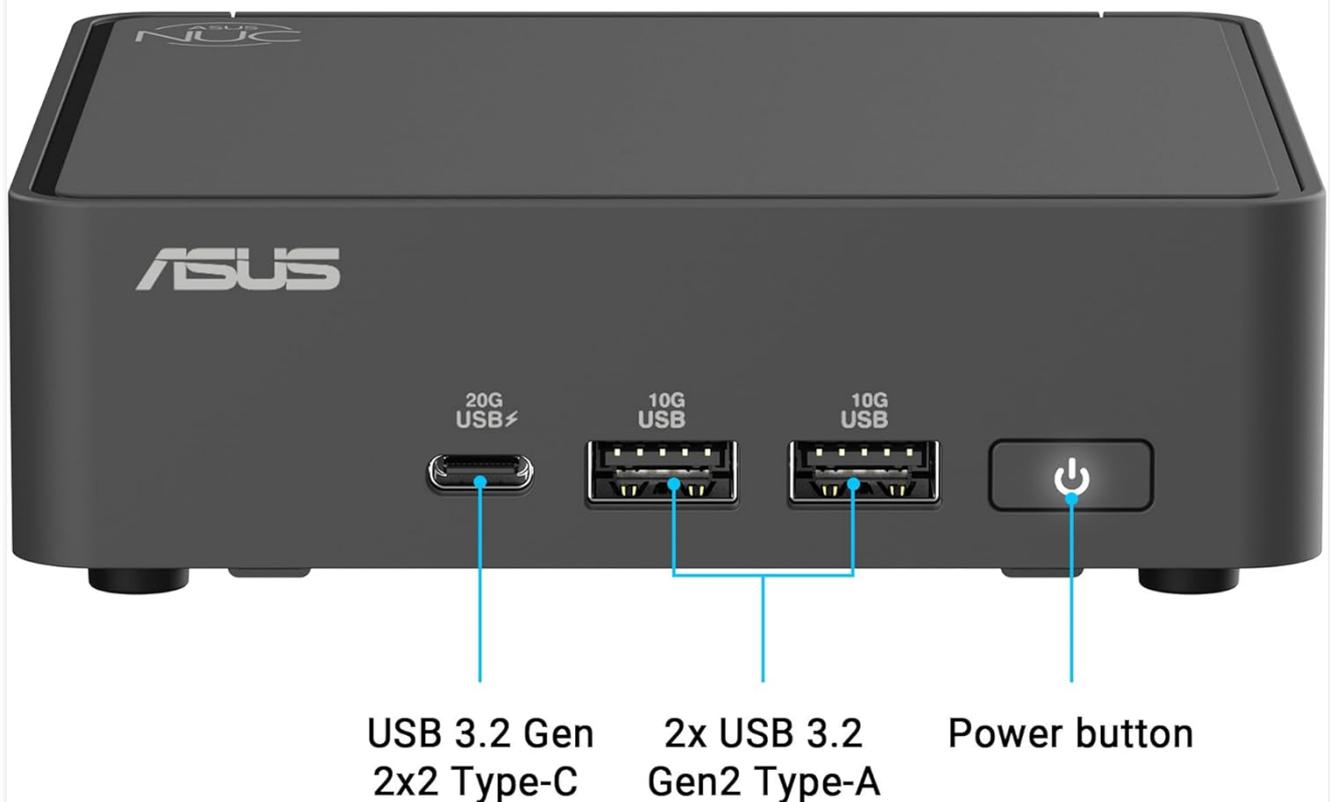


Figure 2: Front ports including USB 3.2 Gen 2x2 Type-C, 2x USB 3.2 Gen2 Type-A, and Power button.

# Extensive Connectivity

## Back Side

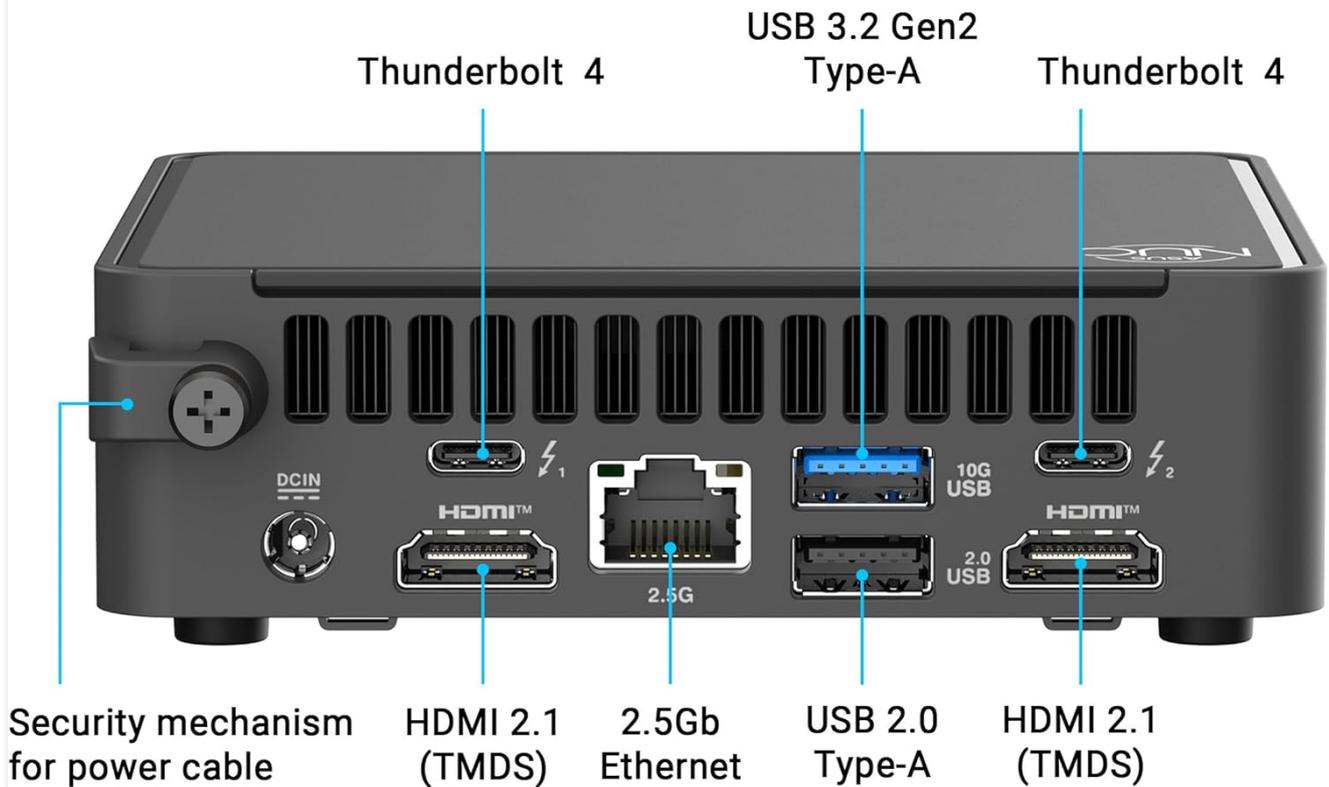


Figure 3: Rear ports including Security mechanism for power cable, HDMI 2.1, 2.5Gb Ethernet, USB 3.2 Gen2 Type-A, USB 2.0 Type-A, and Thunderbolt 4 ports.

### 3.2 VESA Mount Installation (Optional)

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



Figure 4: Flexible configuration with VESA mounting for space-saving setup.

## Flexible Configuration

Seamless Multitasking  
Quad 4K Display

Compact Dimension  
VESA-Mounting

Lightweight and Flexible  
0.6 KG

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

- **To Power On:** Press the power button located on the front of the Mini PC.
- **To Power Off:** From Windows 11 Pro, click the Start button, then Power > Shut down. Alternatively, you can press and hold the power button for 4 seconds to force a shutdown (use only when necessary).

### 4.2 Initial Windows 11 Pro Setup

Upon first boot, follow the on-screen instructions to complete the Windows 11 Pro setup, including region, keyboard layout, network connection, and user account creation.

### 4.3 Network Connectivity

- **Wired Connection:** If an Ethernet cable is connected, the system will automatically detect and use the wired network.
- **Wireless Connection:** During Windows setup or via the Windows Settings menu, select your Wi-Fi network and enter the password. The Mini PC supports Intel Wi-Fi 7 for fast wireless speeds.

### 4.4 Using Thunderbolt™ 4 Ports

The Thunderbolt™ 4 ports offer versatile connectivity for high-speed data transfer, video output, and power delivery. You can connect external displays, storage devices, or docking stations.

## 5. MAINTENANCE

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### 5.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners or solvents. Ensure ventilation openings are free from dust and obstructions to maintain optimal cooling.

## 5.2 Software Updates

Keep your Windows 11 Pro operating system and device drivers updated to ensure optimal performance and security. Windows Update can be accessed via Settings > Windows Update.

## 5.3 Hardware Upgrades (Tool-less Access)

The ASUS NUC 15 Pro Slim features a tool-less chassis design, allowing for easy access to internal components for upgrades such as RAM or storage. Refer to the detailed upgrade guide on the ASUS support website for specific instructions.



Figure 5: Tool-less integration allows for easy and quick hardware upgrades.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Mini PC.

Problem	Possible Solution
No Power	Ensure the power adapter and cord are securely connected to both the Mini PC and a working electrical outlet. Test the outlet with another device.
No Display	Verify that the monitor is powered on and the display cable (HDMI or Thunderbolt) is securely connected to both the Mini PC and the monitor. Try a different display cable or monitor if possible.
No Internet Connection	For wired connections, check the Ethernet cable and router status. For Wi-Fi, ensure Wi-Fi is enabled in Windows settings, you are connected to the correct network, and the password is correct. Restart your router/modem.
System Slowdown / Overheating	Ensure the Mini PC's ventilation openings are clear. Close unnecessary applications. Check for background processes consuming high resources via Task Manager. Ensure drivers and Windows are up to date.

## 7. SPECIFICATIONS

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Detailed technical specifications for the ASUS NUC 15 Pro Slim Mini PC (RNUC15CRKI3063CU):

Feature	Detail
Processor	Intel Series 1 Core 3 100U (1.2 GHz)
RAM	16 GB DDR5 (5600 MHz)
Storage	512 GB PCIe G4x4 NVMe SSD
Graphics Coprocessor	Integrated Intel Graphics
Operating System	Windows 11 Pro
Max Screen Resolution	3840 x 2160 Pixels (4K)
Video Output	HDMI 2.1, Thunderbolt™ 4 (supports up to four 4K displays)
Wireless Connectivity	Intel Wi-Fi 7 (802.11.be), Bluetooth 5.4
USB Ports	1x USB 3.2 Gen 2x2 Type-C, 2x USB 3.2 Gen2 Type-A, 1x USB 2.0 Type-A (front); 1x USB 3.2 Gen2 Type-A, 1x USB 2.0 Type-A (rear)
Ethernet	2.5Gb Ethernet
Dimensions (LxWxH)	4.61 x 4.41 x 1.45 inches
Item Weight	12.6 ounces
Chassis Access	Tool-less 2.0
Mounting	VESA Mount Included
Reliability	24/7 reliability, MIL-STD-810H certification

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, and additional resources, please visit the official ASUS support website. You can find drivers, FAQs, and contact information for customer service there.

**ASUS Support Website:** [www.asus.com/support/](http://www.asus.com/support/)