ASUS RNUC15CRSU9089AU

ASUS NUC 15 Pro+ Mini PC User Manual

Model: RNUC15CRSU9089AU

1. Introduction

This manual provides essential information for setting up, operating, and maintaining your ASUS NUC 15 Pro+ Mini PC. Designed for advanced professional needs, this mini PC features a powerful Intel Series 2 Core Ultra 9 285H processor, integrated Arc graphics, and high-speed connectivity. Please read this manual thoroughly before using your device.

2. Package Contents

Verify that all items are present in your package:

- ASUS NUC 15 Pro+ Mini PC (Model: RNUC15CRSU9089AU)
- VESA Mount
- AC Power Adapter
- Power Cord

If any items are missing or damaged, contact your retailer or ASUS support.

3. Setup Guide

3.1 Connecting Peripherals

1. **Connect Display(s):** Connect your monitor(s) to the HDMI 2.1 or Thunderbolt 4 ports on the back of the Mini PC. The device supports up to four 4K displays.
2. **Connect USB Devices:** Plug in your keyboard, mouse, and other USB devices into the available USB ports (USB 3.2 Gen 2x2 Type-C, USB 3.2 Gen2 Type-A, USB 2.0 Type-A).
3. **Connect to Network:** For wired internet, connect an Ethernet cable to the 2.5Gb Ethernet port. For wireless, ensure your Wi-Fi network is available.

3.2 Powering On

1. **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.

2. **Power Button:** Press the power button located on the front of the Mini PC to turn it on.
3. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Home operating system setup.

3.3 VESA Mount Installation

The included VESA mount allows you to attach the Mini PC to the back of a compatible monitor or to a wall mount, saving desk space. Refer to the VESA mount's specific instructions for installation.



Figure 3.1: Front view of the ASUS NUC 15 Pro+ Mini PC.

4. Operating Your Mini PC

4.1 Front Panel Overview



Figure 4.1: Front panel connectivity, including USB 3.2 Gen 2x2 Type-C, two USB 3.2 Gen2 Type-A ports, and the power button.

- **USB 3.2 Gen 2x2 Type-C (20G USB):** High-speed data transfer port.
- **2x USB 3.2 Gen2 Type-A (10G USB):** Standard USB ports for peripherals.
- **Power Button:** Turns the device on or off.

4.2 Rear Panel Overview



Figure 4.2: Rear panel connectivity, including Kensington Lock, DC-In, HDMI 2.1, 2.5Gb Ethernet, USB 3.2 Gen2 Type-A, USB 2.0 Type-A, and Thunderbolt 4 ports.

- **Kensington Lock:** For physical security.
- **DC-In:** Power input port.
- **2x HDMI 2.1 (TMDS):** Display output ports.

- **2.5Gb Ethernet:** Wired network connection.
- **USB 3.2 Gen2 Type-A (10G USB):** Standard USB port.
- **USB 2.0 Type-A:** Standard USB port.
- **2x Thunderbolt 4:** High-speed data, display, and power delivery ports.

4.3 Wireless Connectivity

The Mini PC supports Intel Wi-Fi 7 for ultra-fast wireless internet and Bluetooth 5.4 for connecting wireless peripherals such as headphones, keyboards, and mice.

4.4 Multi-Display Configuration

Utilize the dual HDMI 2.1 ports and dual Thunderbolt 4 ports to connect up to four 4K displays simultaneously, enhancing productivity. The sync power-off feature automatically shuts off connected screens for energy efficiency when the PC is powered down.



Figure 4.3: Example of a multi-monitor setup with the ASUS NUC 15 Pro+ Mini PC.

5. Maintenance

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 airflow and cooling performance.



Figure 5.1: Advanced cooling design for whisper-quiet efficiency.

5.2 Component Upgrades (Toolless System)

The ASUS NUC 15 Pro+ features a toolless upgrade system, allowing for easy access to internal components for memory or storage expansion. Refer to the detailed upgrade guide available on the ASUS support website for specific instructions. Always power off and disconnect the Mini PC from the power source before performing any internal maintenance or upgrades.

6. Troubleshooting

- **No Power:**
  - Ensure the power adapter is securely connected to both the Mini PC and a working electrical outlet.
  - Verify the power button is pressed firmly.
- **No Display:**

- Check that display cables (HDMI, Thunderbolt) are securely connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try connecting to a different display port or using a different cable.

- **No Internet Connection (Wired):**
  - Verify the Ethernet cable is properly connected to the Mini PC and your router/modem.
  - Check your router/modem status.
- **No Internet Connection (Wireless):**
  - Ensure Wi-Fi is enabled in Windows settings.
  - Check if your Wi-Fi network is visible and you are entering the correct password.
  - Restart your router/modem.
- **Peripheral Not Detected:**
  - Try connecting the peripheral to a different USB port.
  - Ensure the peripheral has its own power source if required.
  - Install or update necessary drivers for the peripheral.

For further assistance, visit the official ASUS support website or contact customer service.

7. Specifications

Feature	Specification
Model Name	RNUC15CRSU9089AU
Processor	Intel Core Ultra 9 285H (2.9 GHz)
RAM	32GB DDR5 RAM
Storage	1 TB SSD (PCIe x4)
Graphics	Integrated Intel Arc Graphics
Operating System	Windows 11 Home
Wireless Connectivity	Wi-Fi 7 (802.11.be), Bluetooth 5.4
Video Output	2x HDMI 2.1, 2x Thunderbolt 4 (Supports up to four 4K displays)
USB Ports	1x USB 3.2 Gen 2x2 Type-C, 3x USB 3.2 Gen2 Type-A, 1x USB 2.0
Ethernet	2.5Gb Ethernet
Dimensions (LxWxH)	13.97 x 0.89 x 9.92 inches
Item Weight	0.634 ounces
Color	Silver

8. Warranty and Support

Your ASUS NUC 15 Pro+ Mini PC comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official ASUS support website.

For technical support, driver downloads, FAQs, and service inquiries, please visit:www.asus.com/support/

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