**MINIX NUC355**

# MINIX NUC355 Mini PC User Manual

Model: NUC355 | Brand: MINIX

## 1. PRODUCT OVERVIEW

The MINIX NUC355 Mini PC is a compact and powerful computing solution designed for various applications including business, office, education, and digital signage. Powered by the Intel Core 3 N355 processor, it offers smooth and responsive performance for daily tasks, online meetings, and productivity. Its efficient architecture balances power and energy usage, making it a reliable choice for diverse user needs.



Figure 1: MINIX NUC355 Mini PC with highlighted features.

## 2. WHAT'S IN THE BOX

Upon unboxing your MINIX NUC355 Mini PC, please ensure all the following items are present:

- 1 x MINIX NUC355 Mini PC
- 1 x 19V/3.42A Power Adapter with US/EU/UK Plug
- 1 x HDMI Cable
- 1 x VESA Mount

## Contents



| Product Packaging | MINIX NUC355 | Vesa Mount | HDMI Cable | 12V/3A Power Adapter |
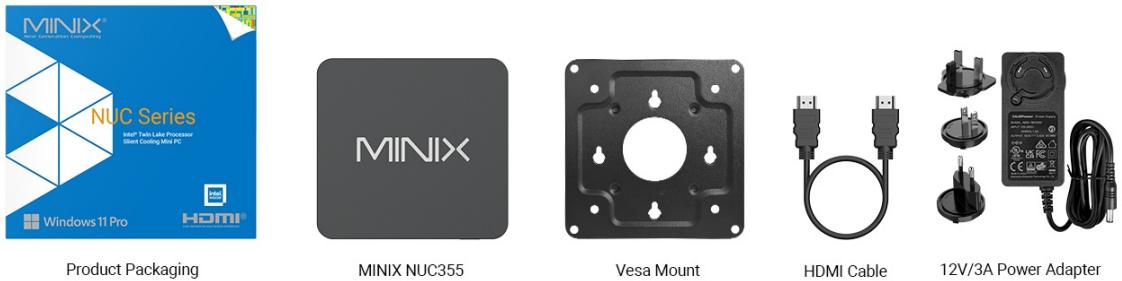
Figure 2: Included accessories with the MINIX NUC355 Mini PC.

# 3. PHYSICAL OVERVIEW & PORTS

Familiarize yourself with the various ports and physical features of your MINIX NUC355 Mini PC for optimal connectivity and usage.

Figure 3: Front panel ports including USB-C and USB-A.



Figure 4: Detailed diagram of all ports and device dimensions.

- **Front Ports:** 2 x USB-C (40Gbps, DisplayPort, Power Delivery), 2 x USB-A (10Gbps), 3.5mm Audio Jack, Power Button.

- **Rear Ports:** 2 x 2.5G Ethernet, 1 x USB-A (10Gbps), 1 x DisplayPort, 2 x HDMI, DC-IN, Kensington Lock Slot.

## 4. SETUP INSTRUCTIONS

1. **Connect to Power:** Plug the 19V/3.42A power adapter into the DC-IN port on the rear of the Mini PC and then into a power outlet.
2. **Connect to Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or USB-C ports. The device supports up to three 4K displays simultaneously.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB-A or USB-C ports.
4. **Connect to Network:** For wired internet, connect an Ethernet cable to one of the 2.5G LAN ports. For wireless, ensure your WiFi network is available.
5. **Power On:** Press the power button on the front panel to start the Mini PC.

## 5. OPERATING SYSTEM

The MINIX NUC355 Mini PC comes pre-installed with**Windows 11 Pro**, offering a secure and productive computing environment. Follow the on-screen instructions for initial setup, including language selection, network configuration, and user account creation.

## 6. DISPLAY SETUP

The NUC355 supports up to three 4K displays simultaneously, providing extensive screen real estate for multitasking, data dashboards, design layouts, or digital signage. Use the dual HDMI ports and the USB-C port with DisplayPort functionality for multi-monitor configurations.

Figure 5: Triple 4K display setup with the Mini PC.

## 7. MEMORY & STORAGE EXPANSION

The Mini PC is equipped with 16GB DDR5 RAM and a 512GB PCIe 3.0 NVMe SSD. For enhanced performance or storage capacity, the device allows for upgrades:

- **RAM:** Expandable up to 32GB DDR5 RAM (additional RAM not included).
- **Storage:** Features one M.2 2280 PCIe 3.0 NVMe slot and one M.2 2242 PCIe 3.0 NVMe slot (compatible with SATA 3.0 SSD, up to 4TB, not included) for storage expansion.

Figure 6: Internal components for memory and storage upgrades.

## 8. CONNECTIVITY

Experience fast and stable network access with the NUC355's advanced connectivity options:

- **Wired:** Dual 2.5G Ethernet ports for high-speed, low-latency connections.
- **Wireless:** WiFi 6 (802.11ax) for fast and reliable wireless internet.
- **Bluetooth:** Bluetooth 5.2 for connecting wireless peripherals and accessories.

Figure 7: Connectivity features of the Mini PC.

## 9. MOUNTING OPTIONS

The ultra-compact 117 x 111 x 36 mm form factor and included VESA mount allow for seamless integration into any workspace. Mount it behind a monitor or in tight spaces to maintain a clutter-free environment.
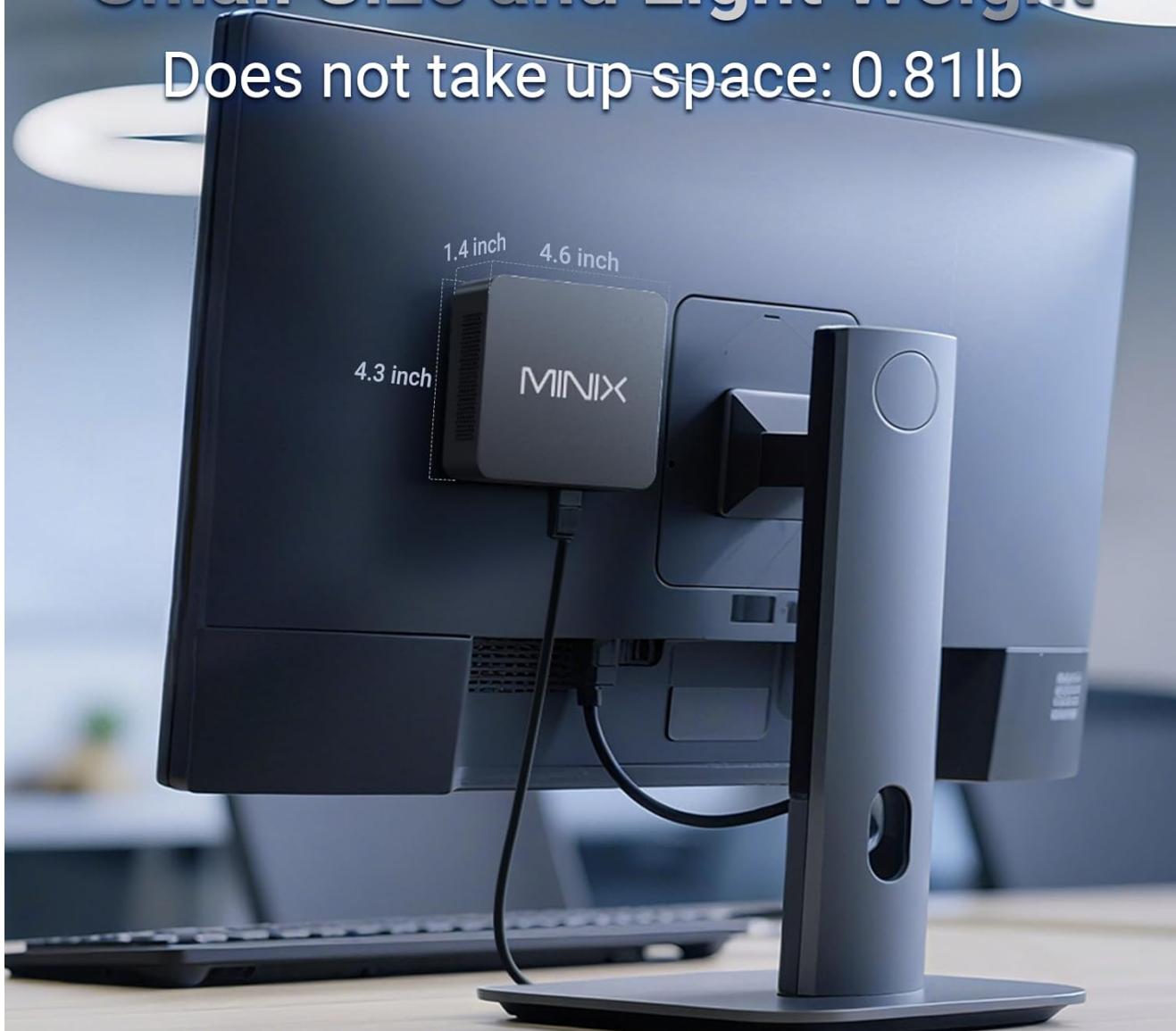
Figure 8: VESA mount installation for space-saving setup.

## 10. SPECIFICATIONS

| Feature | Specification |
|---|---|
| Processor | Intel Core 3 N355 (up to 3.9 GHz) |
| Graphics | Intel Graphics (Integrated) |
| RAM | 16 GB DDR5 (4800MHz), expandable to 32GB |
| Storage | 512 GB PCIe 3.0 NVMe SSD (1x M.2 2280, 1x M.2 2242 compatible with SATA 3.0 SSD, up to 4TB) |
| Operating System | Windows 11 Pro |
| Video Output | 2x HDMI 2.1 (4K@60Hz), 1x USB-C (DisplayPort 1.4, 4K@60Hz) |

| Ethernet | 2x RJ45 2.5G LAN |
|---|---|
| Wireless Connectivity | WiFi 6 (802.11ax), Bluetooth 5.2 |
| USB Ports | 3x USB-A 3.2 Gen 2, 2x USB-C 3.2 Gen 2 (40Gbps) |
| Audio Output | 3.5mm Audio Output Combo Jack |
| Dimensions | 4.61 x 4.37 x 1.42 inches (117 x 111 x 36 mm) |
| Item Weight | 13 ounces |

## 11. MAINTENANCE

To ensure the longevity and optimal performance of your MINIX NUC355 Mini PC, regular maintenance is recommended:

- **Cleaning:** Gently clean the exterior with a soft, dry cloth. Ensure ventilation grilles are free from dust accumulation.
- **Software Updates:** Regularly check for and install Windows updates, driver updates, and firmware updates to maintain system stability and security.
- **Storage Management:** Periodically clean up unnecessary files and applications to free up storage space and improve performance.

## 12. TROUBLESHOOTING

If you encounter issues with your Mini PC, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the HDMI/DisplayPort/USB-C cables are correctly connected to both the Mini PC and the monitor. Ensure the monitor is set to the correct input source.
- **No Internet Connection:** For wired connections, check the Ethernet cable and router status. For wireless, ensure WiFi is enabled and connected to the correct network.
- **Slow Performance:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space. Consider updating drivers or expanding RAM/SSD if issues persist.
- **Peripheral Issues:** Try connecting USB devices to different ports or using different devices to isolate the problem.

## 13. WARRANTY AND SUPPORT

For maintenance service or further assistance, please use the following options:

- **Online Support:** Log in to your Amazon account, navigate to "Your orders," and select "Ask Product Question" for your MINIX NUC355 Mini PC.
- **Official Website:** Visit the official MINIX website for offline maintenance service and additional resources.