

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [Ninkear](#) /
- › [Ninkear Mini PC W-11 User Manual](#)

Ninkear MBOX 11 Mini PC

Ninkear Mini PC W-11 (MBOX 11) User Manual

Model: MBOX 11 Mini PC

INTRODUCTION



Figure 0.1: Ninkear Mini PC W-11. This compact and powerful mini PC is designed for various computing needs, from office work to multimedia entertainment.

This comprehensive user manual provides detailed instructions for the Ninkear Mini PC W-11 (MBOX 11 Mini PC). It covers initial setup, daily operation, maintenance, troubleshooting common issues, and full technical specifications. Please read this manual carefully to ensure proper use and to maximize the performance and longevity of your Ninkear

Mini PC for office, home, and multimedia applications.

1. SETUP

1.1 Unboxing and Package Contents

Carefully unpack all components from the box. Ensure all items listed below are present. If any item is missing or damaged, please contact customer support.



Figure 1.1: Package Contents. The box includes the Ninkear Mini PC, a user manual, a charging cable, an HDMI cable, and a fixed bracket for mounting.

- Ninkear Mini PC (MBOX 11)
- User Manual
- Power Adapter/Charging Cable
- HDMI Cable
- Fixed Bracket (for VESA mounting)

1.2 Physical Connections

Before powering on, connect all necessary peripherals to the Mini PC. Refer to the diagrams below for port identification.

4K@60Hz Doppelbildschirm

1*HDMI und 1*DP Anschluss, ausgestattet mit 1 HDMI-Kabel, unterstützt Dual-Screen-Display



HDMI
(4K@60Hz)

+



DP
(4K@60Hz)



Figure 1.2: Front and Rear Ports of the Ninkear Mini PC. The front features USB 3.0 ports and an audio jack, while the rear includes LAN, HDMI, DisplayPort, USB 2.0, and DC power input.



Figure 1.3: Multi-purpose Port Diagram. This diagram illustrates the layout and function of each port on the Ninkear Mini PC, including power, USB 3.0, headphone/MIC jack on the front, and RJ45, DP, HDMI, USB 2.0, and DC on the back.

1. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC's HDMI port to your monitor or TV. The device also supports DisplayPort (DP) for alternative display connections.
2. **Connect Peripherals:**
 - **Keyboard and Mouse:** Connect your USB keyboard and mouse to the available USB 3.0 ports on the front or USB 2.0 ports on the rear.
 - **Audio:** Connect headphones or speakers to the 3.5mm audio jack on the front.
 - **Network:** For a wired connection, connect an Ethernet cable to the RJ45 LAN port on the rear.
3. **Power Connection:** Connect the power adapter to the DC input port on the rear of the Mini PC, then plug the adapter into a power outlet.

1.3 First Boot and Initial Configuration

Once all connections are secure, press the power button on the front of the Mini PC. The device comes with Windows 11 pre-installed and ready for immediate use. Follow the on-screen prompts to complete the initial Windows setup, including language, region, network connection, and user account creation.

2. OPERATING

2.1 Basic Operation

- **Power On:** Press the power button on the front of the device.
- **Power Off:** From the Windows operating system, click the Start button, then select Power > Shut down. Alternatively, you can press and hold the power button for a few seconds to force a shutdown (not recommended for regular use).
- **Restart:** From the Windows operating system, click the Start button, then select Power > Restart.

2.2 Dual Display Setup

The Ninkear Mini PC supports dual 4K@60Hz display output via its HDMI 2.0 and DisplayPort (DP) interfaces, allowing for enhanced multitasking and productivity.

Effizienter Speicher Hochkapazitiver Speicher

RAM bis zu 16GB, SSD aufrüstbar bis zu 2TB



Figure 2.1: 4K Dual Display Setup. The Mini PC can connect to two monitors simultaneously via HDMI and DisplayPort, supporting 4K resolution at 60Hz for an extended desktop experience.

1. Connect your primary monitor to the HDMI port.
2. Connect your secondary monitor to the DisplayPort (DP).
3. Once both monitors are connected and powered on, Windows should automatically detect them.
4. To configure display settings (extend, duplicate, or show only on one screen), right-click on the desktop, select "Display settings," and adjust as needed.

2.3 Connectivity (Wi-Fi, Bluetooth, Ethernet)

The Mini PC offers versatile connectivity options for your network and wireless devices.



Figure 2.2: Multiple Connection Options. The Mini PC supports high-speed Ethernet (RJ45-1000M), WiFi 2.4/5.0 GHz, and Bluetooth 5.0 for comprehensive connectivity.

- **Wi-Fi:** The Mini PC supports Wi-Fi 5 (802.11ac) for fast wireless internet access. To connect, click the Wi-Fi icon in the system tray, select your network, enter the password, and click Connect.

- **Bluetooth:** With Bluetooth 5.0, you can connect wireless peripherals such as keyboards, mice, headphones, and speakers. Go to Windows Settings > Bluetooth & devices to pair new devices.
- **Ethernet:** For a stable and high-speed wired network connection, plug an Ethernet cable into the RJ45 port. The Mini PC supports Gigabit Ethernet (1000M).

2.4 Storage Expansion

The Ninkear Mini PC comes with a 512 GB M.2 SSD. For additional storage, you can upgrade the M.2 NVMe PCIe3.0 SSD or M.2 SATA SSD up to 2 TB.

2025 Intel® Twin lake N150 Processor



4 Cores
intel 7



4 Threads
6MB Cache



3.6GHz
Turbo Boost



6W
TDP

intel
INSIDE

Multi-Core ●

Single-Core ●



Figure 2.3: Efficient and High-Capacity Storage. The Mini PC features 16GB DDR4 RAM and a 512GB M.2 SSD, with the SSD being upgradeable up to 2TB.

Consult a qualified technician or refer to detailed upgrade guides if you plan to expand the internal storage to avoid damaging the device.

3. MAINTENANCE

3.1 Cleaning

To maintain optimal performance and extend the lifespan of your Mini PC, regular cleaning is recommended.

- **Exterior:** Use a soft, dry, lint-free cloth to wipe the exterior surfaces. For stubborn smudges, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- **Ports:** Use compressed air to gently clear dust from the USB, HDMI, DP, and other ports. Avoid inserting any objects into the ports.
- **Ventilation:** Ensure the ventilation holes are clear of dust and obstructions to allow for proper airflow and cooling.

Mehrere Verbindungsoptionen

Hochgeschwindigkeits-Ethernet



WiFi 2.4/5.0 GHz



Bluetooth 5.0



RJ45



Figure 3.1: Powerful Cooling System. The Mini PC utilizes a copper pipe and aluminum heatsink design for efficient heat dissipation, ensuring quiet operation and low power consumption.

3.2 Software Updates

Regularly update your operating system and drivers to ensure system stability, security, and optimal performance.

- **Windows Updates:** Go to Windows Settings > Windows Update and check for available updates.
- **Driver Updates:** While Windows Update often handles driver updates, you may occasionally need to check the

Ninkear official website for the latest drivers for specific components if you encounter issues.

3.3 Storage Management

To maintain the health and performance of your SSD, avoid filling it to full capacity. Periodically clean up unnecessary files and applications.

- **Disk Cleanup:** Use the built-in Windows Disk Cleanup tool to remove temporary files and other non-essential data.
- **Uninstall Programs:** Remove programs you no longer use from Windows Settings > Apps > Installed apps.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your Ninkear Mini PC. If the problem persists, please refer to the Warranty and Support section.

4.1 No Power

- **Check Power Connection:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- **Test Outlet:** Try plugging another device into the same power outlet to confirm it is functional.
- **Power Button:** Ensure you are pressing the power button firmly.

4.2 No Display Output

- **Cable Connection:** Verify that the HDMI or DisplayPort cable is securely connected to both the Mini PC and the monitor.
- **Monitor Input:** Ensure your monitor is set to the correct input source (e.g., HDMI 1, DP).
- **Test with Another Display/Cable:** If possible, try connecting the Mini PC to a different monitor or using a different HDMI/DP cable to rule out display or cable issues.
- **Restart:** Power cycle the Mini PC and the monitor.

4.3 Wi-Fi or Bluetooth Connectivity Issues

- **Enable Wi-Fi/Bluetooth:** Ensure Wi-Fi and Bluetooth are enabled in Windows settings.
- **Driver Check:** Verify that the Wi-Fi and Bluetooth drivers are installed and up to date in Device Manager.
- **Router/Device Proximity:** Move closer to your Wi-Fi router or Bluetooth device.
- **Restart Router/Mini PC:** Restart your Wi-Fi router and the Mini PC.

4.4 System Performance Issues (Slowdown, Lag)

- **Close Unused Applications:** Close any applications running in the background that are not in use.
- **Check Task Manager:** Open Task Manager (Ctrl+Shift+Esc) to identify processes consuming high CPU, RAM, or disk resources.
- **Disk Space:** Ensure there is sufficient free space on the SSD.
- **Malware Scan:** Run a full system scan with antivirus software.
- **Cooling:** Ensure the Mini PC has adequate ventilation and is not overheating.

5. SPECIFICATIONS

Below are the detailed technical specifications for the Ninkear Mini PC W-11 (MBOX 11 Mini PC).

Feature	Specification
Brand	Ninkear
Model/Series	MBOX 11
Model Number	MBOX 11 Mini PC
Color	Gray
Product Dimensions	9.9 x 9.9 x 3.3 cm
Item Weight	240 g
Processor Brand	Intel
Processor Type	Celeron N150 (4 Cores, 4 Threads)
Processor Speed	Up to 3.6 GHz
RAM Size	16 GB
Memory Technology	DDR4, SO-DIMM
Max Supported Storage	2 TB (M.2 NVMe PCIe3.0 SSD or M.2 SATA SSD)
Hard Drive Size (Included)	512 GB
Hard Drive Technology	SSD
Graphics Coprocessor	Intel UHD Graphics
Graphics Interface	Integrated
Connectivity Type	Bluetooth 5.0, Wi-Fi 5 (WLAN)
HDMI Interfaces	1 (HDMI 2.0)
DisplayPort Interfaces	1
USB Ports	2x USB 3.0 (front), 2x USB 2.0 (rear)
Ethernet	RJ45 (Gigabit)
Audio Jack	1x 3.5mm Headphone/MIC Jack
Operating System	Windows 11 (W11 OS)
Batteries (Internal)	1 C Battery required (included)
Lithium Battery Capacity	6 Watt-hours
Lithium Battery Weight	10 grams
Number of Lithium-Ion Cells	1

Note: Specifications are subject to change without prior notice.

6. WARRANTY AND SUPPORT

Ninkear is committed to providing high-quality products and excellent customer service.

6.1 Warranty Information

If you purchase the product and experience a failure due to product defects within 1 year, please contact Ninkear customer support. You will need to provide your order number, a video or photo of the defect, and a detailed description of the issue.


6.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact the Ninkear Official Store or the designated customer service center. They will guide you through the repair process or provide further assistance. For more information, visit the [Ninkear Store on Amazon](#).

© 2025 Ninkear. All rights reserved.

This manual is for informational purposes only. Ninkear reserves the right to make changes to product specifications without prior notice.

Related Documents - MBOX 11 Mini PC

<div><div>Ninkear</div><div>Quick Start Guide</div><div>Laptop</div></div>	<div><div>Ninkear Laptop Quick Start Guide</div><div>A comprehensive quick start guide for Ninkear laptops, covering setup, power management, battery care, and troubleshooting.</div></div>
<div><div>Ninkear</div><div>User Manual</div><div>MINI PC</div></div>	<div><div>Ninkear MiNi PC User Manual: Setup, Safety, and Usage Guide</div><div>Comprehensive user manual for the Ninkear MiNi PC, covering connection, quick start, safety precautions, environmental guidelines, and disposal information.</div></div>
<div><div><div>EU DECLARATION OF CONFORMITY </div><div><div>Manufacturer:</div><div>Shenzhen Ninkear Technology Co., Ltd</div><div>Address: Room 212, Futian City, Main Station Bayuan Road Bao'an District, Shenzhen City, Guangdong Province, E-mail: luffy@ninkear.com</div><div>Telephone: 19213691023</div><div>Product:</div><div>Ninkear N16 Pro Laptop</div><div>MPN: N16 Pro</div><div>Authorized Representative in the Community:</div><div>eVatmaster Consulting GmbH</div><div>Bettstrasse 30, 60325 Frankfurt am Main, Germany</div><div>contact@evatmaster.com</div><div>Telephone: 0925179070</div><div><small>This declaration of conformity is issued under the sole responsibility of the manufacturer. The product described above is in conformity with the essential requirements of the relevant European directives.</small></div></div></div></div> <td><div><div>EU Declaration of Conformity - Ninkear N16 Pro Laptop</div><div>Official EU Declaration of Conformity for the Ninkear N16 Pro Laptop, detailing manufacturer Shenzhen Ninkear Technology Co., Ltd and authorized representative eVatmaster Consulting GmbH.</div></div></td>	<div><div>EU Declaration of Conformity - Ninkear N16 Pro Laptop</div><div>Official EU Declaration of Conformity for the Ninkear N16 Pro Laptop, detailing manufacturer Shenzhen Ninkear Technology Co., Ltd and authorized representative eVatmaster Consulting GmbH.</div></div>

