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› SZBOX Mini PC N150 with 7-inch Touchscreen User Manual

SZBOX N150

SZBOX Mini PC N150 with 7-inch Touchscreen User Manual

Model: N150 | Brand: SZBOX

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your SZBOX Mini PC N150. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

Key Features:

- **Processor:** Intel Twin Lake N150 (13th Gen, 4 Cores/4 Threads, up to 3.6 GHz) with active cooling.
- **Memory:** Integrated 16GB LPDDR5 RAM for efficient multitasking.
- **Storage:** 512GB SSD for fast boot times and data access.
- **Display:** 7-inch HD IPS touchscreen (1280x800 pixels) with multi-touch support.
- **Connectivity:** Wi-Fi 6 and Bluetooth 5.2 for high-speed wireless connections.
- **Ports:** HDMI, full-function USB-C (PD/DP 3.0) supporting dual 4K displays, data transfer, and power delivery, multiple USB 3.2 ports, Gigabit RJ45 Ethernet.
- **Operating System:** Pre-installed Windows 11.
- **Battery:** Integrated 3400mAh battery providing over 3 hours of usage.
- **Design:** Compact and portable, suitable for various environments.

7-inch Handheld Computer



Window 11



Intel
N100/N200



Size
173.8*116*21.95MM



16G LPDDR5
Onboard Ram



3400 mAh
Built in battery



2242 SSD/SATA
NVME compatible



Silent fan



Figure 1: Overview of SZBOX Mini PC N150 features, highlighting its compact size and specifications.

2. PRODUCT COMPONENTS AND PORTS

Familiarize yourself with the various ports and components of your Mini PC.



Figure 2: Detailed view of the Mini PC's rich interface and flexible adaptation.

1. MIC hole (Microphone input)
2. HDMI Port
3. Type-C (Full Function: Power Delivery, DisplayPort, Data Transfer)
4. Indicator Light
5. Type-C (DC Power Input)
6. USB 3.2 x 3 ports
7. Cooling Hole
8. Gigabit RJ45 Ethernet Port
9. Reset Hole
10. USB 2.0 x 1 port
11. 3.5mm Headphone Jack
12. Power Switch

3. SETUP INSTRUCTIONS

3.1 Initial Power On

1. Connect the power adapter to the Type-C (DC) port (5) on the Mini PC and plug it into a power outlet.
2. Press the Power Switch (12) to turn on the device. The indicator light (4) will illuminate.
3. Follow the on-screen instructions to complete the initial Windows 11 setup.

3.2 Connecting Peripherals

- **External Display:** Connect an external monitor via the HDMI port (2) or the full-function Type-C port (3) for dual display support.
- **USB Devices:** Connect a keyboard, mouse, or other USB devices to the USB 3.2 ports (6) or USB 2.0 port (10).
- **Audio:** Connect headphones or external speakers to the 3.5mm Headphone Jack (11).
- **Network:** For a wired connection, plug an Ethernet cable into the Gigabit RJ45 port (8). For wireless, connect via Wi-Fi (see Operating Instructions).

4. OPERATING INSTRUCTIONS

4.1 Windows 11 Interface

Your Mini PC comes with Windows 11 pre-installed. Navigate the operating system using the 7-inch touchscreen or connected mouse and keyboard.

4.2 Touchscreen Operation

The 7-inch HD IPS display supports multi-touch gestures for intuitive interaction. Use taps, swipes, and pinch-to-zoom just like a tablet.

Xpress multi-touch



Figure 3: Demonstrating multi-touch capabilities on the 7-inch display.

4.3 Wireless Connectivity (Wi-Fi & Bluetooth)

- **Wi-Fi:** To connect to a Wi-Fi network, click the network icon in the taskbar, select your desired network, and enter the password if prompted. The device supports Wi-Fi 6.
- **Bluetooth:** To pair Bluetooth devices, go to Windows Settings > Bluetooth & devices, and follow the instructions to add a new device. The device supports Bluetooth 5.2.



Figure 4: High-speed network connectivity with Wi-Fi 6 and Bluetooth 5.2, supporting dual external 4K displays.

4.4 Battery Management

The integrated 3400mAh battery provides portable power. Monitor battery life via the Windows taskbar icon. For optimal battery health, avoid frequent full discharges and keep the device charged when possible.

5. VERSATILE APPLICATIONS

The SZBOX Mini PC N150 is designed for a wide range of uses, from productivity to entertainment and specialized tasks.

Multiple applications



Figure 5: Examples of multiple applications for the Mini PC, including office, entertainment, and industrial use.

5.1 Product Videos

Your browser does not support the video tag.

Video 1: Overview of a similar touchscreen Mini PC, demonstrating its use in various settings like conference rooms and classrooms, and its ability to handle light gaming and media consumption. Note: This video features a 10.1-inch model, but illustrates general functionality.

Your browser does not support the video tag.

Video 2: Demonstration of an 8-inch mini laptop, showcasing its compact design, touchscreen interaction, and portability for on-the-go productivity and entertainment. Note: This video features an 8-inch model, but illustrates general functionality.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior.
- Avoid using harsh chemicals or abrasive materials.
- Ensure the device is powered off and unplugged before cleaning.

6.2 Software Updates

Regularly check for and install Windows updates to ensure optimal performance, security, and compatibility. Go to

6.3 Storage Management

Periodically clean up unnecessary files and applications to maintain system speed. The 512GB SSD provides ample space, but good management is recommended.

7. TROUBLESHOOTING

7.1 Device Does Not Power On

- Ensure the power adapter is securely connected to both the device and the power outlet.
- Verify the power outlet is functional.
- If the battery is completely drained, allow it to charge for a few minutes before attempting to power on.

7.2 No Display on Screen

- If using an external monitor, ensure the HDMI or USB-C cable is properly connected and the monitor is set to the correct input source.
- Try adjusting the display brightness settings.

7.3 Wi-Fi or Bluetooth Connectivity Issues

- Ensure Wi-Fi and Bluetooth are enabled in Windows Settings.
- Restart the Mini PC and your router/modem.
- Check for updated network drivers.

7.4 Touchscreen Unresponsive

- Restart the device.
- Ensure the screen is clean and free of debris.
- Check for updated touchscreen drivers in Device Manager.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	SZBOX
Model	N150
Processor	Intel Twin Lake N150 (13th Gen, 4C/4T, up to 3.6 GHz)
RAM	16GB LPDDR5
Storage	512GB SSD (M.2 2242 SATA3/PCIe3 compatible)
Operating System	Windows 11
Screen Size	7 Inches
Screen Resolution	1280 x 800 pixels (HD IPS)

Graphics	Integrated Intel Graphics
Wi-Fi	Wi-Fi 6 (802.11ax)
Bluetooth	Bluetooth 5.2
Ports	1x HDMI, 1x Full-function USB-C (PD/DP 3.0), 3x USB 3.2, 1x USB 2.0, 1x Gigabit RJ45, 1x 3.5mm Audio Jack, 1x DC-in Type-C
Battery Capacity	3400mAh (7.4V)
Battery Life (Average)	3+ Hours
Dimensions	17.4 x 11.61 x 2.21 cm
Weight	521.63 grams

Schermo HD IPS 800*1280

Elevata trasmissione della luce

Xpress multi-touch

Schermo tattile completamente compatibile

Nota: la reinstallazione del sistema operativo richiede la reinstallazione del driver del touchscreen.



Supporto due display 4K

Figure 6: Illustration of the integrated 16GB LPDDR5 RAM, ensuring smooth multitasking.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or visit the official SZBOX website. Keep your proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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