

Jonsbo N10

Jonsbo N10 Mini-ITX PC Case User Manual

Model: N10

1. INTRODUCTION

The Jonsbo N10 Mini-ITX PC Case is designed for users seeking a compact, functional, and elegantly designed enclosure for minimalist PC systems. It is suitable for space-saving office PCs, quiet HTPCs (Home Theater Personal Computers), or compact NAS (Network Attached Storage) systems. This manual provides essential information for the proper assembly, operation, and maintenance of your Jonsbo N10 case.



Figure 1: Jonsbo N10 Mini-ITX PC Case in a typical desktop setup.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Handle all components with care to prevent damage from static electricity. Consider using an anti-static wrist strap.
- Keep small parts and screws away from children.
- Ensure proper ventilation around the case to prevent overheating.
- Do not attempt to modify the case or its components, as this may void your warranty and pose safety risks.

3. PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- Jonsbo N10 Mini-ITX PC Case

- 2 x Pre-installed Cooling Fans
- Accessory box with screws and mounting hardware



Figure 2: Exploded view showing the main components of the Jonsbo N10 case.

4. SETUP AND INSTALLATION

4.1 Component Overview

The Jonsbo N10 case is designed for Mini-ITX motherboards and compact components. Familiarize yourself with the internal layout before beginning assembly.



Figure 3: Internal view of the Jonsbo N10 case, illustrating component placement.

4.2 Motherboard Installation

1. Remove the side panels of the case.
2. Install your Mini-ITX motherboard into the designated area. Ensure the I/O shield is properly seated.
3. Secure the motherboard with the provided screws.
4. Install your CPU and CPU cooler. Note that the maximum CPU cooler height supported is **38 mm**. This case is optimized for CPUs with integrated graphics (iGPU) and does not support dedicated graphics cards.

4.3 Storage Installation

The Jonsbo N10 supports up to four 2.5-inch SSDs or HDDs.

1. Locate the 2.5-inch drive bays. These are typically found on a removable bracket or directly on the chassis.
2. Mount your 2.5-inch SSDs or HDDs onto the bracket using the provided screws.
3. Secure the bracket back into the case.

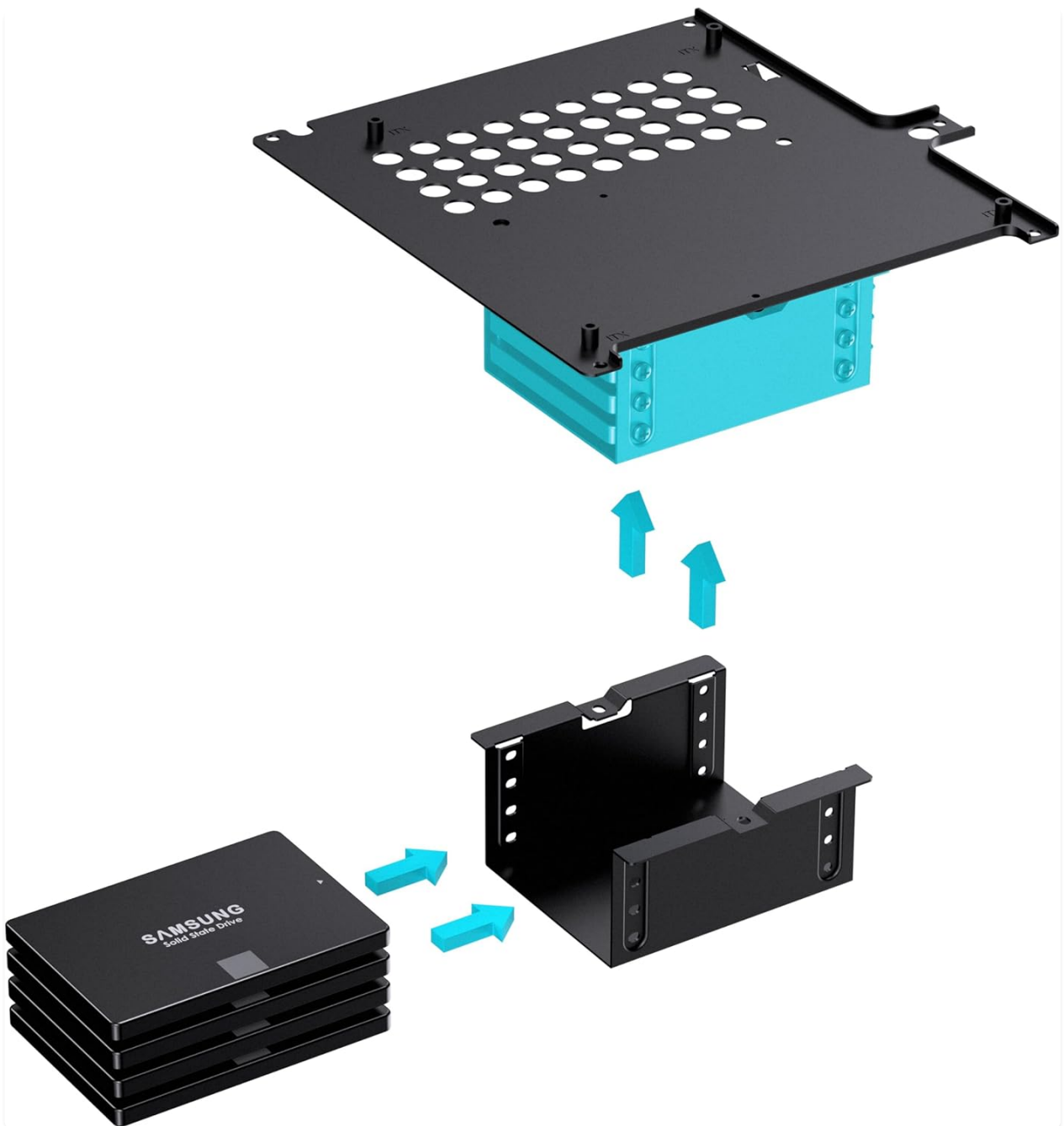


Figure 4: Installation process for 2.5-inch storage drives.

4.4 Power Supply Installation

The case supports 1U-Flex power supplies up to 150 mm in length.

1. Identify the power supply mounting area, typically at the bottom of the case.
2. Slide the 1U-Flex power supply into its designated slot.
3. Secure the power supply with screws from the rear of the case.
4. Connect the necessary power cables to your motherboard and storage devices.

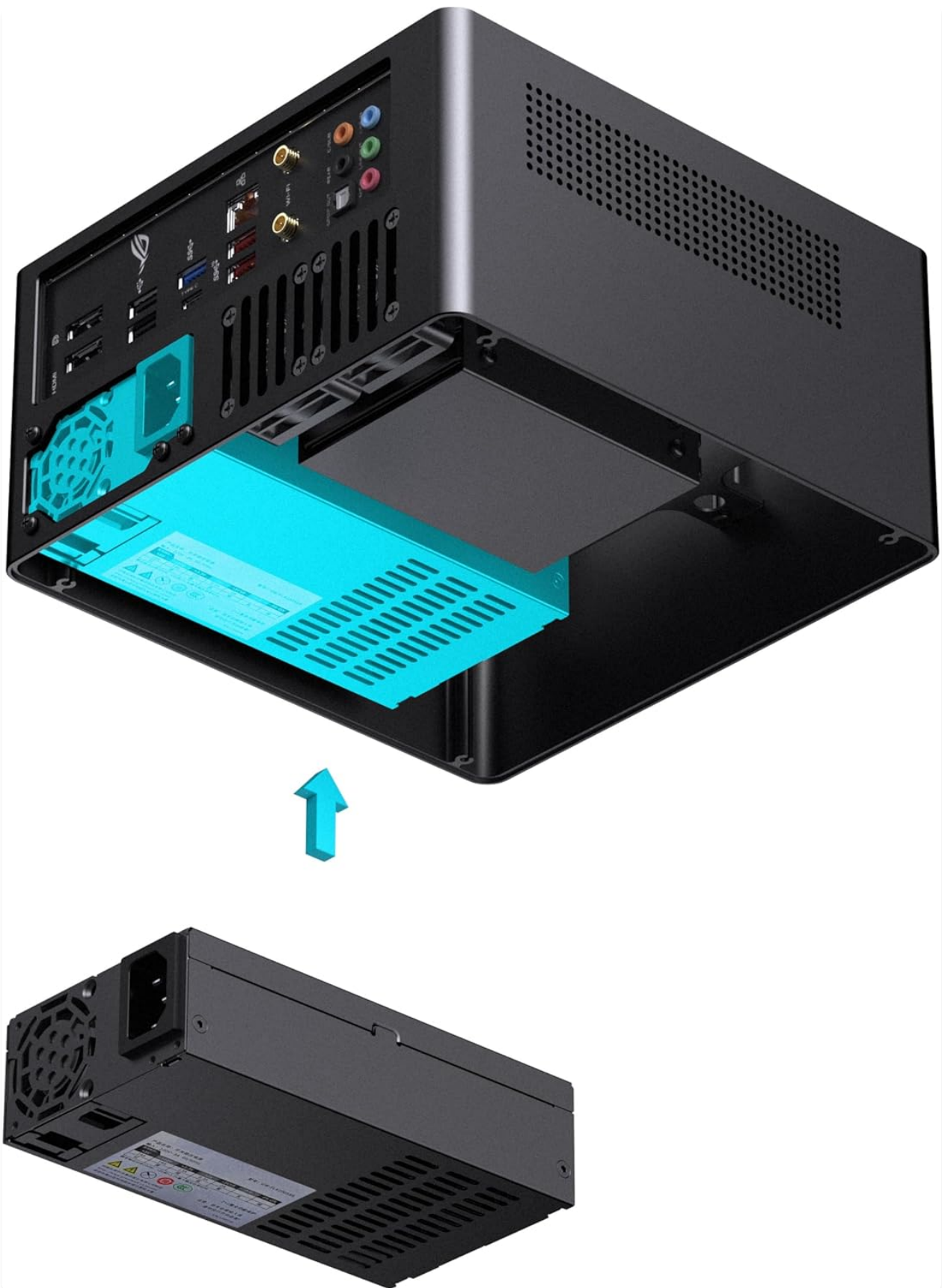


Figure 5: Power supply unit installation guide.

4.5 Fan Connections

The Jonsbo N10 comes with two pre-installed cooling fans. Connect their power cables to the appropriate fan headers on your motherboard.

4.6 Cable Management

Due to the compact nature of the case, careful cable management is crucial for optimal airflow and aesthetics.

Route cables neatly using zip ties or Velcro straps where possible.

5. OPERATING INSTRUCTIONS

Once all components are installed and secured, and all cables are connected:

1. Replace the side panels and secure them.
2. Connect your monitor, keyboard, mouse, and other peripherals.
3. Connect the power cable to the power supply and then to a wall outlet.
4. Press the power button on the front of the case to start your system.



Figure 6: Top view of the Jonsbo N10, highlighting the power button and front panel.

6. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the case with a soft, dry cloth. For dust accumulation inside, use compressed air to gently clear vents and components. Ensure the system is powered off and unplugged before cleaning.

- **Fan Check:** Periodically check the pre-installed fans for dust buildup or unusual noises. Clean them as needed to maintain optimal airflow.
- **Ventilation:** Ensure that the case's ventilation holes are not obstructed to allow for proper heat dissipation.

7. TROUBLESHOOTING

- **System not powering on:** Double-check all power connections, including the power supply to the wall, the motherboard 24-pin connector, and the CPU power connector. Ensure the power button cable is correctly connected to the motherboard.
- **Excessive fan noise:** While the case includes pre-installed fans, some users may find them audible. If fan noise is a concern, consider replacing the pre-installed fans with quieter aftermarket alternatives (e.g., Noctua fans). Ensure fans are free of dust and properly secured.
- **Overheating:** Verify that all fans are spinning correctly and that the case's ventilation is unobstructed. Ensure your CPU cooler is properly seated and making good contact with the CPU.
- **USB ports not working:** Check the internal USB 3.0 header connection from the front panel to the motherboard.

8. SPECIFICATIONS

Feature	Specification
Brand	Jonsbo
Model Name	N10
Motherboard Compatibility	Mini-ITX
Case Type	Mini-Tower
Color	Black
Material	Aluminum (implied from reviews)
Power Supply Type	1U-Flex (up to 150 mm length)
Cooling Method	Air (2 pre-installed fans)
Drive Bays	4 x 2.5-inch SSD/HDD
Front I/O Ports	1 x USB 3.0
Max CPU Cooler Height	38 mm
Recommended Use	HTPC, NAS, Office Systems

9. WARRANTY AND SUPPORT

The Jonsbo N10 PC Case comes with a **2-year product warranty**. For technical support, warranty claims, or

further assistance, please contact your retailer or visit the official Jonsbo website. Please retain your proof of purchase for warranty purposes.

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