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› Jonsplus i100 Pro Mini-ITX PC Case User Manual

Jonsplus i100 Pro

Jonsplus i100 Pro Mini-ITX PC Case User Manual

Model: i100PRO-GSilver

1. INTRODUCTION

Thank you for choosing the Jonsplus i100 Pro Mini-ITX PC Case. This manual provides essential information for the proper setup, operation, and maintenance of your new PC case. Please read this manual thoroughly before beginning assembly to ensure optimal performance and longevity of your system components.

The Jonsplus i100 Pro is a compact Mini-ITX case designed for high-performance builds, featuring tempered glass panels for aesthetic appeal and robust construction for durability. Its thoughtful design supports efficient cooling and component compatibility within a small form factor.

2. PRODUCT OVERVIEW

The Jonsplus i100 Pro Mini-ITX case combines a sleek silver finish with tempered glass side panels, offering a premium look and allowing visibility of your internal components. It is engineered to accommodate powerful hardware in a compact footprint.



Figure 2.1: Front-side view of the Jonsplus i100 Pro Mini-ITX PC Case, showcasing its silver exterior and tempered glass panel.



Figure 2.2: Another front-side perspective of the Jonsplus i100 Pro, highlighting the minimalist design and top ventilation.



Figure 2.3: Rear-side view of the case with the tempered glass panel removed, revealing the internal frame and component mounting areas.



Figure 2.4: Diagram illustrating the installation of a PCI-e riser cable for vertical GPU mounting, a common feature in compact cases.



Figure 2.5: Exploded view of the Jonsplus i100 Pro, showing the individual panels, dust filters, and internal frame structure.



Figure 2.6: Internal view of the case, highlighting various mounting points for components such as fans, radiators, and storage drives.

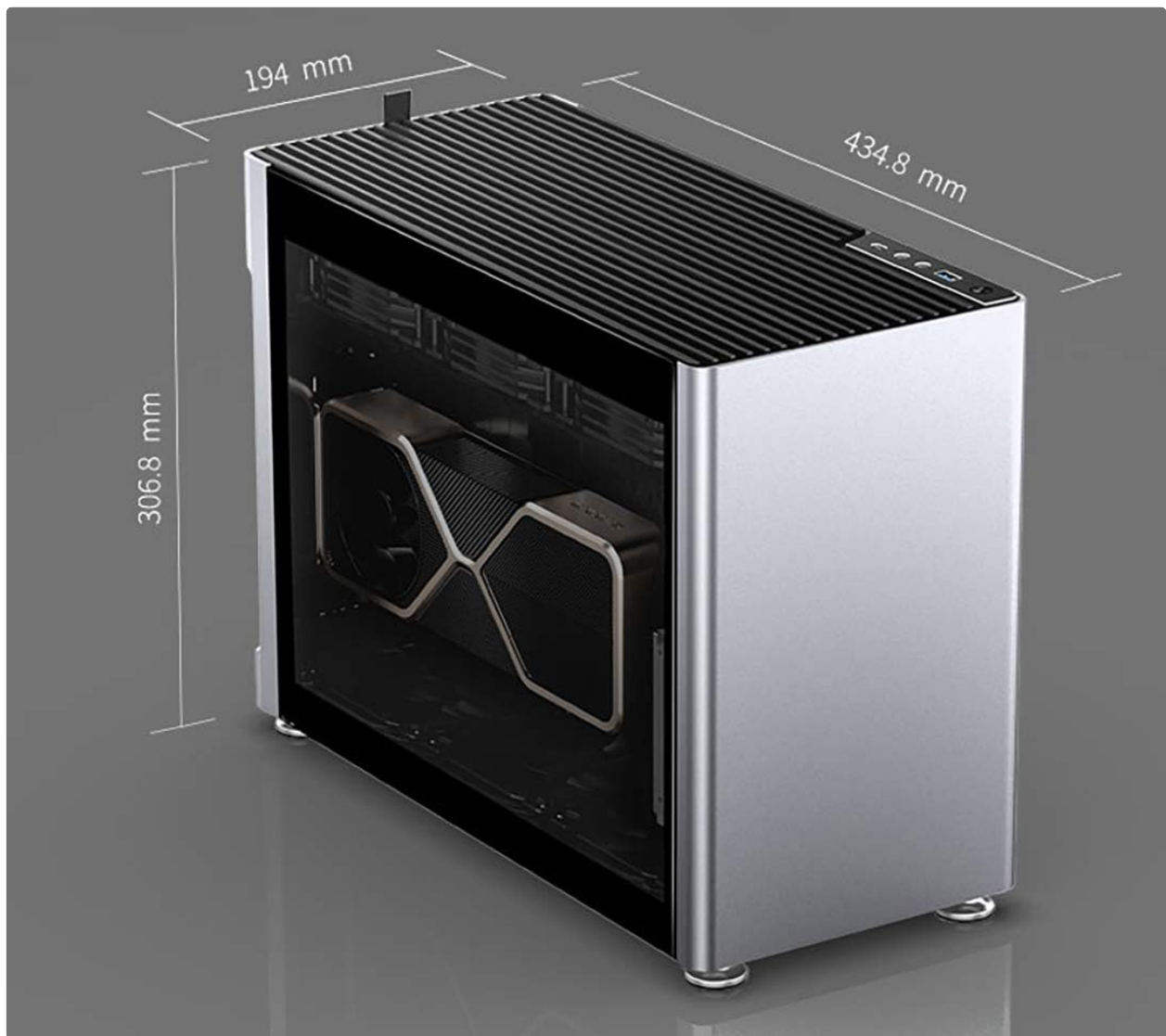


Figure 2.7: Dimensions of the Jonsplus i100 Pro case (Height: 306.8 mm, Width: 194 mm, Depth: 434.8 mm) with a graphics card installed for scale.

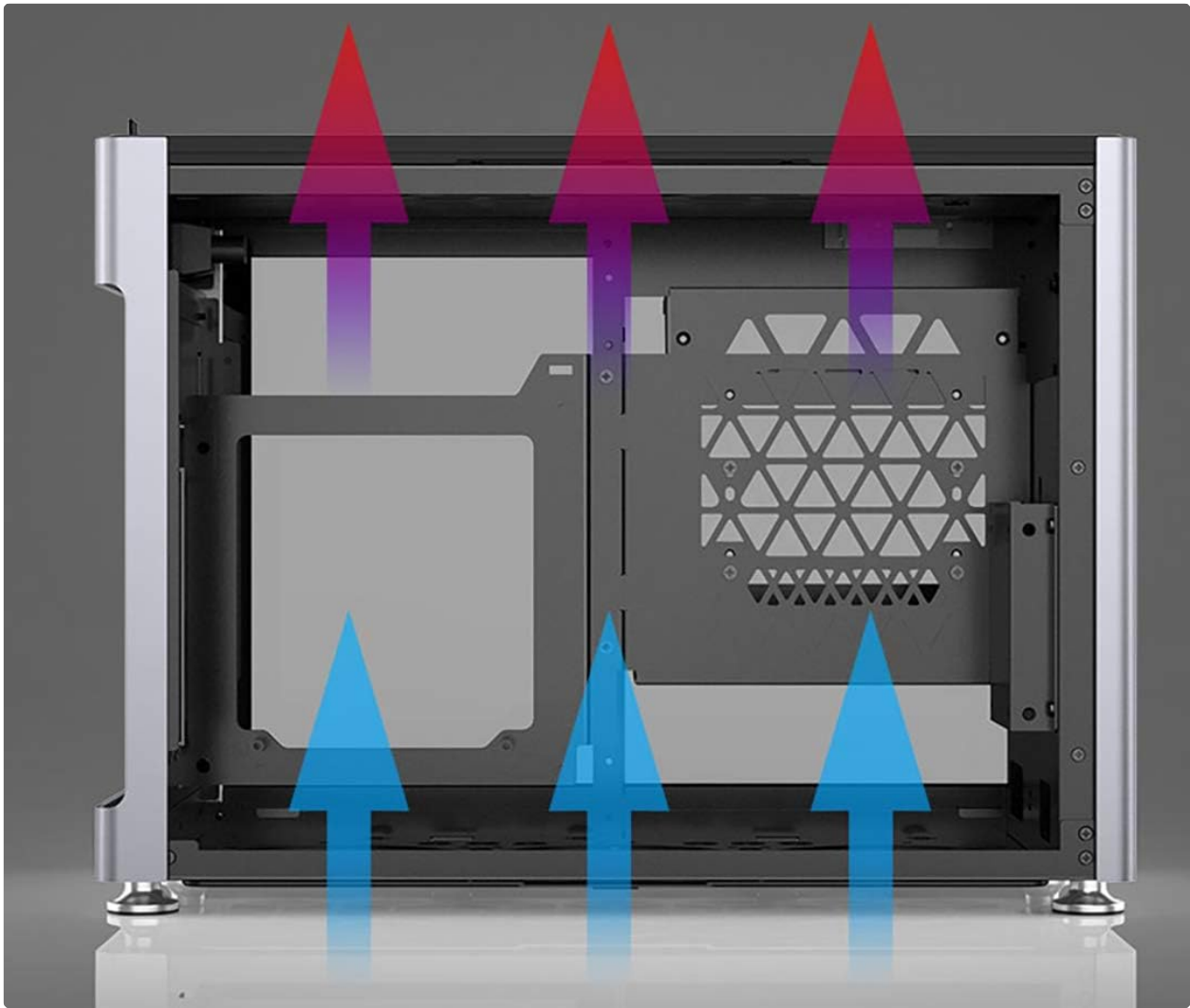


Figure 2.8: Airflow diagram illustrating the recommended cooling path within the Jonsplus i100 Pro case, with cool air intake from the bottom and hot air exhaust from the top.

3. SPECIFICATIONS

Feature	Specification
Brand	Jonsplus
Model Number	i100PRO-GSilver
Case Type	Minitower
Motherboard Compatibility	Mini-ITX
Material	Tempered Glass
Color	Silver
Cooling Method	Air
Power Supply Mounting Type	Rear Mount
Hard Drive Format	3.5 Inches

Feature	Specification
Dimensions (H x W x D)	306.8 mm x 194 mm x 434.8 mm (approximate)
Recommended Uses	Gaming

4. SETUP

Careful planning and execution are crucial when building a PC in a Mini-ITX case due to space constraints. Always refer to the manuals of your individual components for specific installation instructions.

- Preparation:** Unpack the case and all components. Ensure you have all necessary tools, including screwdrivers, cable ties, and thermal paste. Work on a clean, static-free surface.
- Panel Removal:** Carefully remove the tempered glass side panels and any other removable panels as shown in Figure 2.5 to gain access to the interior.
- Motherboard Installation:** Install your Mini-ITX motherboard into the designated area. Secure it with the provided screws.
- CPU and Cooler Installation:** Install your CPU and CPU cooler onto the motherboard before mounting the motherboard into the case, if possible, to simplify the process. Ensure proper thermal paste application.
- Power Supply Installation:** Mount your power supply unit (PSU) in the rear mount location. Route the necessary cables through the case's cable management cutouts.
- Storage Drive Installation:** Install your 3.5-inch or 2.5-inch storage drives into the available mounting bays.
- Graphics Card (GPU) Installation:** Install your graphics card. The i100 Pro supports vertical GPU mounting, which typically requires a PCI-e riser cable (refer to Figure 2.4). Ensure the riser cable is securely connected to both the motherboard and the GPU.
- Fan/Radiator Installation:** Install any additional cooling fans or liquid cooling radiators according to the case's mounting points and your desired airflow configuration (refer to Figure 2.8).
- Cable Management:** Route and secure all cables to ensure optimal airflow and a tidy interior. Use cable ties to bundle cables.
- Final Assembly:** Reattach all panels, ensuring they are securely fastened.

5. OPERATING

Once your PC is fully assembled within the Jonsplus i100 Pro case, operating it is straightforward:

- Power Connection:** Connect the power cable from your power supply to a wall outlet or surge protector.
- Peripheral Connections:** Connect your monitor, keyboard, mouse, and any other peripherals to the appropriate ports on your motherboard and graphics card.
- Power On:** Press the power button located on the front I/O panel of the case.
- System Monitoring:** Monitor your system's temperatures and performance using appropriate software to ensure stable operation, especially during demanding tasks like gaming.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components.

- **Dust Cleaning:** Periodically clean dust from the interior of the case and components. Use compressed air to blow out dust from fans, heatsinks, and dust filters.
- **Dust Filters:** The Jonsplus i100 Pro includes removable dust filters (refer to Figure 2.5). Clean these filters regularly by rinsing them with water and allowing them to dry completely before reinstallation.
- **Cable Management Check:** Occasionally check cable routing to ensure no cables are obstructing airflow or fan operation.
- **Panel Security:** Ensure all panels, especially the tempered glass, are securely fastened to prevent vibration or accidental damage.

7. TROUBLESHOOTING

If you encounter issues with your PC build, consider the following common troubleshooting steps:

- **No Power:** Ensure the power supply switch is in the 'ON' position, the power cable is securely connected, and all internal power connections (24-pin ATX, 8-pin CPU, GPU power) are properly seated.
- **No Display:** Verify that your monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics) and that the monitor is powered on and set to the correct input. Check that the graphics card is fully seated in its PCI-e slot and that its power cables are connected.
- **Overheating:** Ensure all case fans and CPU cooler fans are spinning correctly. Verify that dust filters are clean and not obstructing airflow. Check thermal paste application on the CPU. Review your case's airflow configuration (refer to Figure 2.8).
- **Component Not Detected:** Re-seat the component (e.g., RAM, GPU, storage drive) and check its power and data connections.
- **Unusual Noises:** Identify the source of the noise. It could be a loose fan, a vibrating panel, or a hard drive. Ensure all components are securely mounted.

If problems persist, consult the specific troubleshooting guides for your individual PC components or seek professional assistance.

8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Jonsplus i100 Pro Mini-ITX PC Case, please refer to the documentation provided with your purchase or visit the official Jonsplus website. Keep your proof of purchase for warranty claims.

Contact Jonsplus customer support for assistance with product defects, missing parts, or complex technical issues that cannot be resolved using this manual.