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› JONSBO D30 Black Mini Micro ATX Tower Computer Case User Manual

Jonsbo D30 BLACK

JONSBO D30 Black Mini Micro ATX Tower Computer Case User Manual

Model: D30 BLACK

INTRODUCTION

The JONSBO D30 Black Mini Micro ATX Tower Computer Case is designed for compact yet powerful PC builds. It features a sleek aluminum panel and tempered glass side windows, offering both aesthetic appeal and functional design. This case supports advanced cooling solutions, including 240mm liquid cooling and 168mm air cooling, and accommodates high-end GPUs up to 355mm in length. Its small volume and high space utilization make it an ideal choice for users seeking a compact desktop chassis without compromising on component compatibility.



Image: The JONSBO D30 case showcasing its compact design and internal component visibility through the tempered glass side panel.

SETUP GUIDE

Follow these steps for the initial setup and component installation within your JONSBO D30 case.

1. Preparing the Case

- Unpack the case carefully and remove all packaging materials.
- Identify the tempered glass side panel and the metal side panel. The glass panel is typically on the left side when viewed from the front.
- Remove the side panels by unscrewing the thumb screws at the rear of the case and gently sliding them off.



Image: An empty JONSBO D30 case with its side panels removed, providing a clear view of the internal layout for component installation.

2. Motherboard Installation

- Install the necessary motherboard standoffs if they are not pre-installed.
- Carefully place your M-ATX, DTX, or Mini-ITX motherboard onto the standoffs, aligning the screw holes.
- Secure the motherboard with the provided screws.

3. Power Supply Unit (PSU) Installation

- The case supports standard ATX PSII power supplies.
- Mount the PSU in its designated rear mount location, securing it with screws.
- **Note:** PSU length affects GPU compatibility. If PSU length is $\geq 170\text{mm}$, GPU length is limited to 305mm. If PSU length is $< 170\text{mm}$, GPU length can be 330mm to 355mm.

4. Storage Drive Installation

The case supports 2.5" drives (SSD) and 3.5" drives (HDD).

- The drive bay configuration supports either 3 x 2.5" drives + 1 x 3.5" drive, or 4 x 2.5" drives.
- Locate the drive mounting points and secure your drives using the appropriate screws.



Image: An exploded diagram illustrating the various mounting locations for 2.5-inch and 3.5-inch storage drives within the JONSBO D30 case.

5. Graphics Processing Unit (GPU) Installation

- The case supports high-end 3-slot GPUs.
- Insert your GPU into the PCIe slot on the motherboard and secure it with the retention clip and screw.
- Ensure the GPU length is compatible with your chosen PSU length (refer to PSU installation notes).

6. Cooling System Installation

The JONSBO D30 supports both liquid and air cooling solutions.

- **Air Cooling:** Supports CPU air coolers up to 168mm in height.
- **Liquid Cooling:** Supports 240mm water cooling radiators.
- **Fan Support:**

- Top: 2 x 120mm or 2 x 140mm fans (optional)
- Rear: 1 x 120mm fan (optional)
- Bottom: 3 x 120mm or 2 x 140mm fans (optional)

- **Radiator Support:**

- Top: 240mm (optional)
- Rear: 120mm (optional)
- Bottom: 240mm (optional)

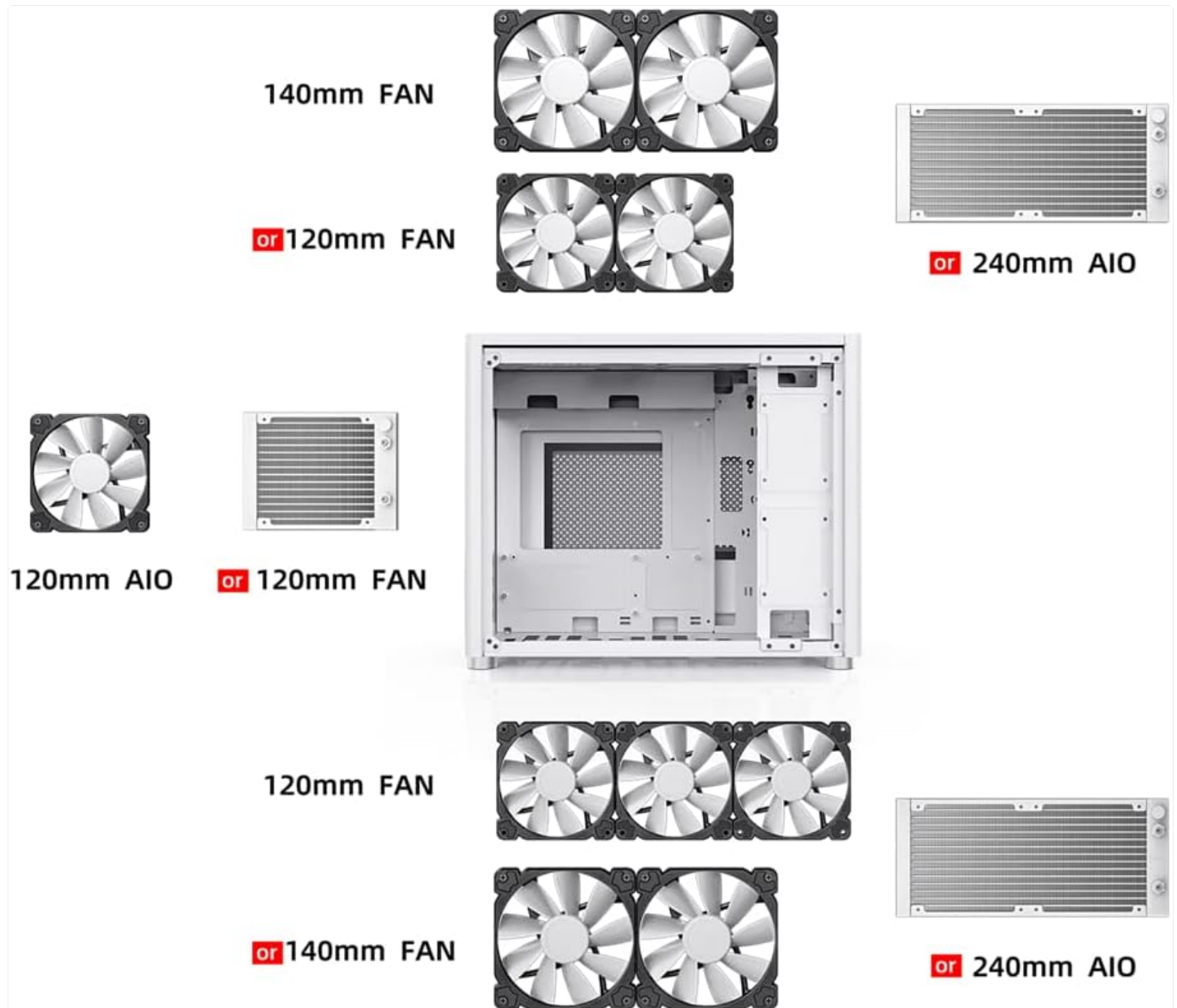


Image: A visual guide detailing the various fan and radiator configurations supported by the JONSBO D30 case, including 120mm, 140mm fans, and 240mm AIO liquid coolers.

7. Cable Management

Utilize the space behind the motherboard tray and the metal side panel with vents to route and hide cables for improved airflow and aesthetics.

OPERATING THE SYSTEM

Once all components are installed and secured, reattach the side panels. Connect your peripherals, monitor, and power cable. Press the power button on the front I/O panel to start your system.



Image: The JONSBO D30 case with a complete PC build inside, demonstrating the spacious interior and component compatibility.

Airflow and Cooling

The JONSBO D30 features a vertical air duct design and dual-phase dust-proof configuration to optimize cooling performance. Ensure fans are installed in appropriate orientations (intake/exhaust) to create efficient airflow through the case.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your computer case.

- **Dust Cleaning:** Periodically clean dust filters and internal components using compressed air or a soft brush. Dust accumulation can impede airflow and cooling efficiency.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners that may damage the aluminum finish or tempered glass.

- **Cable Management Check:** Occasionally inspect cable routing to ensure no cables are obstructing fans or airflow paths.

TROUBLESHOOTING

This section addresses common issues you might encounter.

System Not Powering On

- Ensure the power supply is properly connected to the wall outlet and the PSU switch is in the 'ON' position.
- Verify all internal power cables (24-pin ATX, CPU, GPU, storage) are securely connected.
- Check that the front panel power button connector is correctly attached to the motherboard's front panel header.

Overheating Issues

- Confirm all case fans and CPU/GPU coolers are spinning correctly.
- Ensure proper fan orientation for optimal airflow (intake from front/bottom, exhaust from top/rear).
- Clean any dust accumulation from fans, radiators, and dust filters.
- Verify thermal paste application on the CPU cooler.

USB Ports Not Functioning

- Check that the USB 2.0 and USB 3.0 headers from the front I/O panel are correctly connected to the motherboard.
- Ensure motherboard drivers are up to date.

SPECIFICATIONS

Feature	Detail
Model Name	D30 BLACK Mini Micro ATX computer case
Brand	Jonsbo
Motherboard Compatibility	M-ATX / DTX / Mini-ITX
Case Type	Tower
Material	1.5mm Aluminium Alloy / 0.6mm Steel Plate / 3mm Tempered Glass
Color	BLACK
Product Dimensions (LxWxH)	15.8 x 8 x 12.8 inches (401mm x 204mm x 337mm)
Item Weight	12.38 pounds
Drive Bays	2.5" x 3 + 3.5" x 1 or 2.5" x 4
GPU Support Length	305mm (PSU ≥ 170mm) / 330-355mm (PSU < 170mm)

Feature	Detail
CPU Cooler Height	Up to 168mm
Liquid Cooling Support	240mm radiator
PSU Support	Standard ATX PSII (Rear Mount)
Expansion Slots	4
Front I/O Ports	1 x USB 2.0, 1 x USB 3.0

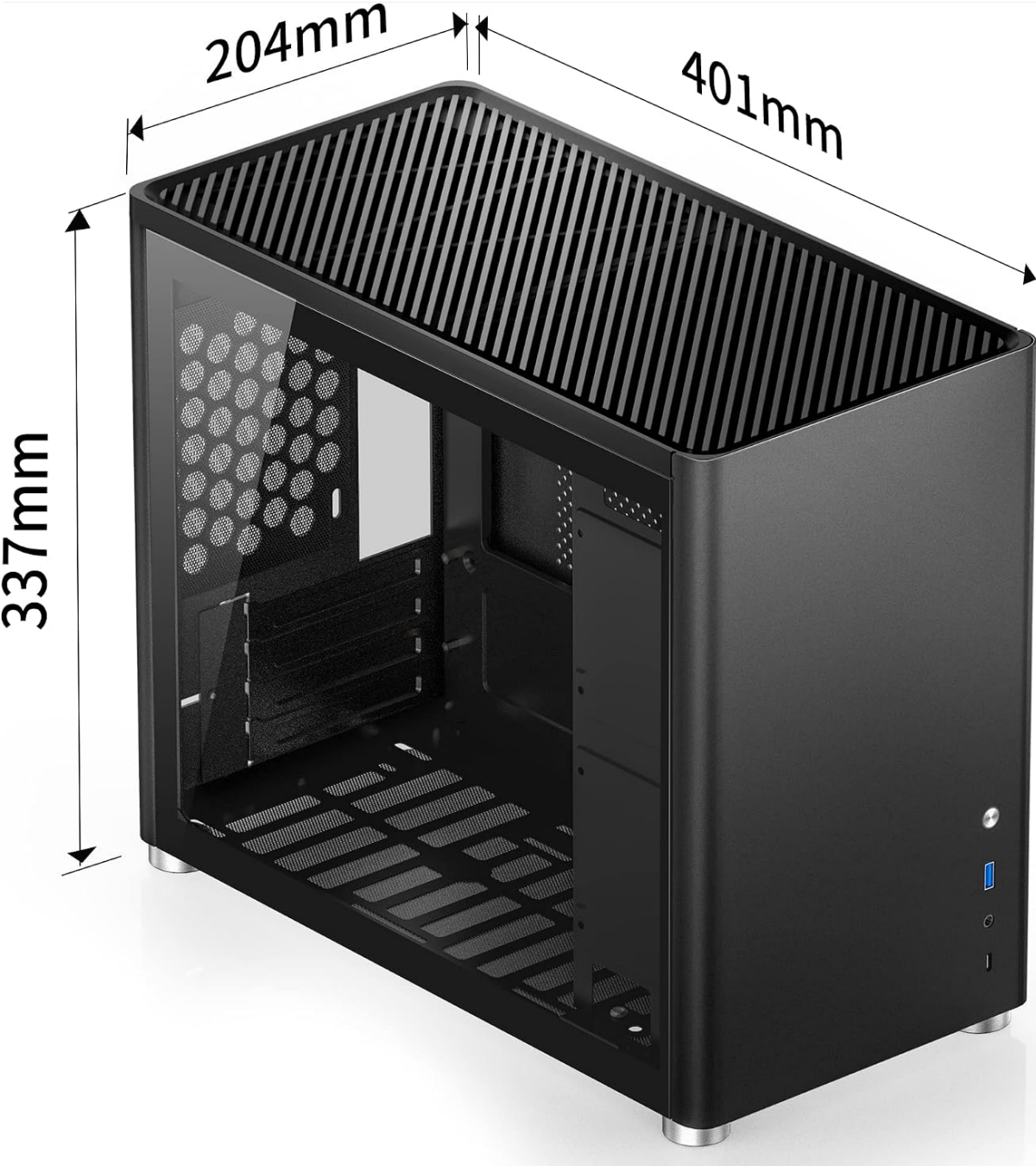


Image: A diagram illustrating the precise dimensions of the JONSBO D30 case.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Jonsbo website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Visit the official Jonsbo Store: [Jonsbo Store on Amazon](#)

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