

JONSBO D400 Black ATX Mid-Tower PC Case Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the assembly, installation, operation, and maintenance of your JONSBO D400 Black ATX Mid-Tower PC Case. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation.



Figure 1: JONSBO D400 Black ATX Mid-Tower PC Case with internal components.

2. PRODUCT FEATURES

- **Dimensions:** 488mm (L) x 239mm (W) x 514mm (H) (including feet).
- **Design:** Three-dimensional, beveled, curved glass design for clear visibility of internal hardware.
- **Motherboard Support:** Compatible with ATX, Micro-ATX, and Mini-ITX BTF motherboards.
- **GPU Compatibility:** Supports graphics cards up to 450mm in length.
- **PSU Support:** ATX PS2 power supplies, up to 200mm in length.
- **Cooling Options:**
 - Air Cooling: CPU cooler height up to 169mm.
 - AIO Support: Top 240mm / 280mm / 360mm (optional); Side 360mm (optional).
 - Fan Positions: Top (3x 120mm or 2x 140mm), Side (3x 120mm), Rear (1x 120mm), Power Compartment (3x 120mm).
- **Drive Bays:** 2x 2.5" SSD or 1x 3.5" HDD + 1x 2.5" SSD; 1x 2.5" SSD or 1x 3.5" HDD in PSU compartment.

- **Front I/O Ports:** 1x USB 3.2 Gen2 Type-C, 2x USB 3.0, 1x Audio + 1x Mic (2-in-1).
- **Expansion Slots:** 7.



Figure 2: Front-side view of the JONSBO D400 PC Case highlighting the curved glass design.

Product Overview

The D400 case features a design based on the golden ratio, with a 3D shape cutout. It uses curved, bent glass for the front panel, which is column-free, providing a wide 270-degree view and a clean, transparent visual experience. The top cover and power compartment employ a large ribbed grille design that complements the panel's 3D shape. It offers dual 360 installation positions and multiple fan slots, ensuring the machine's configuration expansion and lighting effect requirements are met. The panoramic side-view display from multiple angles is suitable for desktop placement from various perspectives.

Black Version



White Version





Figure 3: Product overview highlighting the D400's design and features.

3. SETUP & INSTALLATION

3.1 Motherboard Installation

The JONSBO D400 supports ATX, Micro-ATX, and Mini-ITX BTF motherboards. Ensure your motherboard is compatible with the case's mounting points. The case is designed to support through-hole for most back-connect motherboards, which helps in reducing visible cables inside the case for a cleaner aesthetic.



Figure 4: Internal layout of the D400 case, ready for motherboard installation.

Compatible with ATX back-connect motherboard provides a clean visual experience

Supports through-hole for most back-connect motherboards, reducing messy cables inside the case
Improve cable management for a more comfortable visual experience

Standard motherboard: Backline space is 43mm

Back-connect Motherboard: The total insertion space for the plug is 50mm.



Figure 5: Illustration of BTF motherboard compatibility and cable management space.

3.2 GPU Installation

The case accommodates GPUs up to 450mm in length. It features 7 PCI slots and supports vertical GPU installation (cable not supplied, requires a third-party adapter bracket).



Figure 6: GPU installation options and length compatibility.

3.3 Power Supply Unit (PSU) Installation

The JONSBO D400 supports ATX PS2 power supplies up to 200mm in length. The power supply is located at the bottom of the case with independent airflow channels to ensure stable chassis temperatures.



Figure 7: PSU mounting location and dust filter access.

3.4 Cooling System Installation

The case offers extensive cooling support with 10 fan positions and dual AIO radiator support. CPU air coolers up to 169mm in height are supported.

- Top: 3x 120mm or 2x 140mm fans (optional) / 240mm, 280mm, or 360mm AIO radiator (optional).
- Side: 3x 120mm fans (optional) / 360mm AIO radiator (optional).
- Rear: 1x 120mm fan (optional).
- Power Compartment: 3x 120mm fans (optional).

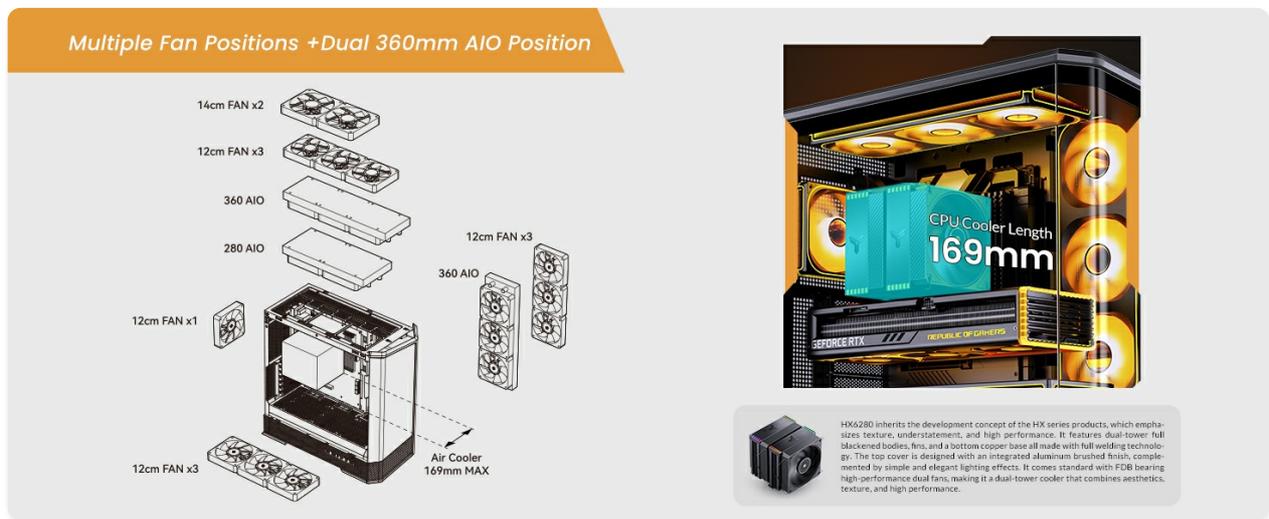


Figure 8: Fan and AIO radiator placement options.

3.5 Drive Bay Configuration

The case provides flexible storage options:

- Back Side: 2x 2.5" SSD or 1x 3.5" HDD + 1x 2.5" SSD.
- PSU Compartment: 1x 2.5" SSD or 1x 3.5" HDD.

Hard Drive Support

Back Side: 2.5"SSD*2 or
3.5"HDD*1+2.5"SSD*1
PSU Compartment: 2.5"SSD*1 or
3.5"HDD*1



Figure 9: Hard drive and SSD mounting locations.

3.6 Front I/O Ports

The front I/O panel includes:

- 1x USB 3.2 Gen2 Type-C
- 2x USB 3.0
- 1x Audio + 1x Mic (2-in-1)

4. OPERATING INSTRUCTIONS

After successful assembly, connect all necessary peripherals and power cables. Press the power button on the front I/O panel to start your system. Refer to your motherboard and component manuals for specific operating instructions related to your installed hardware.

Video 1: JONSBO D400 ATX PC case overview, demonstrating internal layout and features.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning is essential for maintaining optimal performance and longevity of your PC components. Use compressed air to remove dust from fans, radiators, and internal components. Ensure the system is powered off and unplugged before cleaning.

5.2 Dust Filters

The JONSBO D400 includes a bottom dust filter. Regularly remove and clean this filter to prevent dust buildup and maintain good airflow. The grille-shaped top cover also allows for multi-angle quick disassembly for cleaning and customization.

Grille-shaped Top Cover Multi-angle Quick Disassembly Design

Convenient for personalized customization



D400
ATX CASE

Figure 10: Top cover disassembly for maintenance and customization.

6. TROUBLESHOOTING

If you encounter issues, perform the following basic checks:

- **No Power:** Ensure all power cables (PSU, motherboard, GPU) are securely connected. Check the power switch on the PSU.
- **No Display:** Verify that your monitor cable is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics). Reseat the GPU and RAM modules.
- **Overheating:** Check fan connections and ensure they are spinning. Clean dust filters and internal components. Verify AIO pump operation if installed.
- **Component Not Detected:** Reseat the component (e.g., RAM, GPU, SSD). Check power and data connections.

For more complex issues, consult the manuals for your individual components (motherboard, GPU, PSU, etc.) or contact JONSBO customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Jonsbo
Model Name	D400
Case Type	Mid Tower
Color	Black
Material	Metal
Product Dimensions (LxWxH)	488 x 239 x 514 mm (19.21 x 9.21 x 20.43 inches)
Item Weight	23.5 pounds

