

Jonsbo BO400

JONSBO BO400 ATX Mid Tower PC Case Instruction Manual

Model: BO400

1. INTRODUCTION

The JONSBO BO400 is a high-performance ATX Mid Tower PC Case designed with an aluminum alloy frame and a unique back-connect motherboard compatibility. It features a dual-chamber design for efficient component separation and cooling, along with interchangeable top and front panels for versatile display options. This manual provides detailed instructions for assembly, operation, and maintenance of your BO400 PC case.

2. KEY FEATURES

- **High-Strength Aluminum Alloy Frame:** Constructed from 6mm CNC aluminum alloy with an anodized brushed panel for a premium 3D texture.
- **3-Sided Side View Mode:** Features an interchangeable metal top cover and glass top cover, allowing for a three-sided view (top, front, side) of internal components.
- **Tool-Free Buckle Opening:** Side panels open easily with a pressing mechanism for convenient access and assembly.
- **ATX Back-Connect Motherboard/BTF Support:** Designed to accommodate back-connect motherboards for a cleaner internal aesthetic. Compatible with Micro-ATX and ATX motherboards.
- **Dual Chamber Design:** Optimizes airflow and component separation for high-performance hardware.
- **Extensive Cooling Support:** Compatible with up to 3x 360 AIO liquid coolers and supports up to 10 fans. CPU cooler height up to 173mm.
- **GPU Compatibility:** Supports graphics cards up to 435mm in length, includes a high-strength aluminum alloy graphics card support bracket.
- **Storage Options:** Accommodates 2x 2.5" SSDs or 4x 3.5" HDDs.
- **Front I/O:** Includes 2x USB 3.2 Gen 1 Type-A, 1x USB 3.2 Gen 2 Type-C, and a 2-in-1 earphone/microphone jack.
- **ARGB Control:** Panel indicator light can be connected to ARGB control for customizable lighting.

3. SETUP AND INSTALLATION

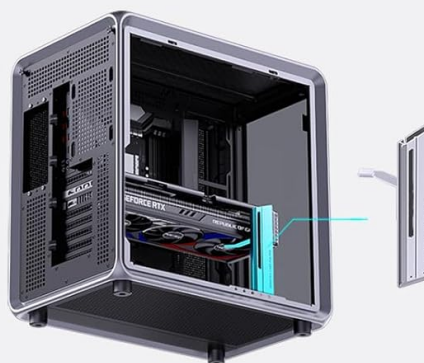
3.1 Unpacking and Initial Inspection

Carefully remove the BO400 case from its packaging. Inspect for any signs of damage during transit. Retain all packaging materials for future transport or warranty claims.

3.2 Opening the Side Panels

The left and right side panels feature a tool-free buckle opening mechanism. Gently press the designated areas to release the panels. The top cover and bottom plate also utilize a tool-free snap open and close design.

Supports high-performance GPUs up to 435mm in length and comes standard with a high-strength aluminum alloy graphics card support bracket



Equipped with a motherboard cable management cover to shield standard ATX motherboard cables

The left and right side panels are opened by pressing



The left and right side panels are opened by pressing, revealing the internal structure.

3.3 Motherboard Installation

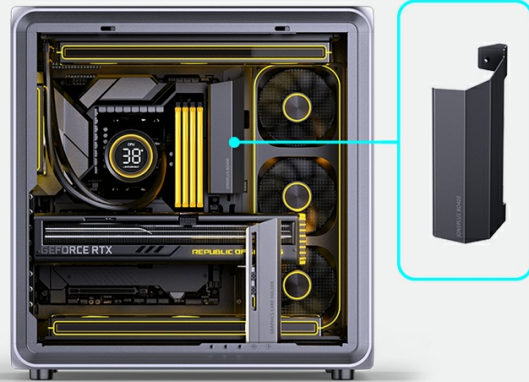
The BO400 supports Micro-ATX and ATX motherboards, including ATX back-connect (BTF) motherboards. Install your motherboard into the designated standoffs. For standard motherboards, utilize the included cable management cover to shield the 24-pin power supply line and other cables, providing a cleaner internal appearance similar to a back-plugged motherboard. This cover can be adjusted vertically based on GPU

height and is recommended for full-size motherboards with a width of 24.5cm.

Equipped with a motherboard cable management cover to shield standard ATX motherboard cables

For standard motherboards, the cover plate can be used to block the wiring of the host (such as the 24Pin power supply line above the graphics card), providing a refreshing installation experience similar to a back plugged motherboard.

The cover can be adjusted up and down according to the height of the graphics card, and needs to be used with a full-size motherboard with a width of 24.5cm



The motherboard cable management cover helps to conceal standard ATX motherboard cables for a tidier build.

3.4 Graphics Card (GPU) Installation

The case supports GPUs up to 435mm in length. Install your graphics card into the PCIe slot. The BO400 comes standard with a high-strength aluminum alloy graphics card support bracket to prevent sagging. This bracket offers 4 levels of adjustment for different card lengths and stepless adjustment to support the front end of the graphics card.

Supports high-performance GPUs up to 435mm in length and comes standard with a high-strength aluminum alloy graphics card support bracket

The graphics card is cooled by a bottom fan, which efficiently circulates and removes GPU heat

* Graphics card holder adjustment function: 4 levels of adjustment for different graphics card lengths; Up and down stepless adjustment to prevent the front end of the graphics card from sagging due to gravity



The case supports long GPUs and includes an adjustable support bracket.

3.5 Cooling System Installation

The BO400 offers extensive cooling options:

- **Fan Support:** Up to 10 fans can be installed.
- **AIO Liquid Cooling:** Compatible with up to three 360mm AIO radiators.
- **CPU Air Cooler:** Supports coolers up to 173mm in height.

The fan bracket is designed for universal installation, allowing for special configurations such as side view at the top (with glass top cover) and air intake from the metal panel. Top and bottom heat dissipation positions can be flexibly configured for 12cm/14cm fans or 360/280 AIOs.

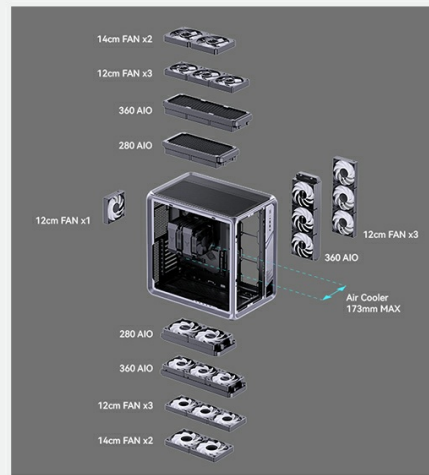
BO400 has strong hardware compatibility for heat dissipation and can support up to 3 *360 AIO installations

The whole case can be equipped with 10*12CM fans to quickly dissipate the accumulated heat generated by high-performance hardware.

Water cooling specification limit:

Top (normal high position mode) 64mm space for cooling exhaust+fan thickness

Side: 76mm space for cooling exhaust+fan thickness



The BO400 supports a wide range of cooling solutions, including multiple 360 AIOs.

Support 173mm high-end air-cooled radiator

The BO400 motherboard compartment has ample space, and air-cooled users can also flexibly define and configure it



The case supports high-end air-cooled radiators up to 173mm.

3.6 Storage Drive Installation

Install your 2.5" SSDs or 3.5" HDDs into the designated mounting positions. The case supports 2x 2.5" SSDs (shared with 3.5" mounting) or up to 4x 3.5" HDDs.

3.7 Power Supply Installation

The BO400 supports ATX PS2 power supplies up to 200mm in length. Install your power supply in the bottom mount position.

4. OPERATION

Once all components are installed and cables are properly connected, close the side panels and top cover. Connect your peripherals and power cable. The panel indicator light can be connected to an ARGB controller for customized lighting effects. Ensure proper airflow by maintaining clear intake and exhaust paths.



The JONSBO BO400 case fully assembled with illuminated components.

Switchable to 3-sided side view mode, providing more visual options



The case can be switched to a 3-sided side view mode by replacing the metal top cover with the included glass top cover.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC case and its components.

- **Dust Cleaning:** Periodically clean dust filters and internal surfaces using compressed air or a soft brush. Dust accumulation can impede airflow and lead to overheating.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish.
- **Cable Management:** Ensure internal cables are neatly routed and secured to prevent interference with airflow or fan blades.


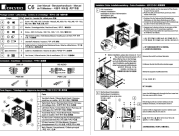
6. TROUBLESHOOTING

If you encounter issues with your PC build related to the case, consider the following:

- **Component Fit:** Double-check that all components (motherboard, GPU, PSU, coolers) are correctly seated and secured according to their respective manuals and the case's specifications.
- **Airflow Issues:** Ensure fans are installed in the correct orientation (intake/exhaust) and that no cables or obstructions are blocking airflow paths. Verify dust filters are clean.
- **Front Panel I/O Not Working:** Confirm that all front panel connectors (USB, audio, power/reset switches, LED) are correctly plugged into the motherboard headers. Refer to your motherboard manual for pin assignments.
- **Panel Opening Difficulty:** Ensure no internal components are obstructing the panel mechanism. Apply gentle, even pressure when opening or closing.

7. SPECIFICATIONS

Feature	Specification
Model No.	BO400 Tempered glass version V1.0
Case Dimensions (D x W x H)	474mm x 311mm x 489mm (18.66 x 12.24 x 19.25 inches)
Case Material	SPCC & SGCC Steel Plate, Aluminum Alloy, Tempered Glass
Motherboard Support	Mini-ITX / Micro-ATX / ATX, Compatible with back-plug / BTF motherboard
GPU Compatible Size	Length limit 435mm
CPU Air Cooler Height	173mm
Water Cooling Support	Top: 240/280/360 AIO; Side: 360 AIO; Bottom: 240/280/360 AIO
Fan Support	Top: 3x120mm / 2x140mm; Rear: 1x120mm; Bottom: 3x120mm / 2x140mm; Side: 3x120mm
Storage Drive Bays	2x 2.5" SSD (shared with 3.5" mounting) OR 4x 3.5" HDD
ATX PS2 Power Supply Length	≤ 200mm
Expansion Slots	8
Front I/O	USB 3.2 Gen 1 Type-A*2 / USB 3.2 Gen 2 Type-C*1 / AUDIO & MIC 2 in 1
Product Weight (N.W./G.W.)	12.9kg / 18.3kg (40.5 pounds)

 The image shows the cover of the JONSBO BO400CG Computer Case User Guide. It features a line drawing of the computer case, the model name 'BO400CG Computer Case', and the title 'User Guide' in a dark box. Below the title, it lists languages: 'DEUTSCH / 德國說明書 / Deutschsprachige Handbuch / Guida dell'utente / 115 x 165 mm'. The JONSBO logo is in the top left corner.	<p>JONSBO BO400CG Computer Case User Guide - Installation and Specifications</p> <p>Comprehensive user guide for the JONSBO BO400CG computer case, detailing technical specifications, compatibility, and step-by-step installation instructions for components like motherboards, power supplies, storage, and graphics cards.</p>
 The image shows the cover of the JONSBO C6 PC Case: User Manual and Installation Guide. It features a collage of images showing the case from different angles and internal components being installed, along with the title 'JONSBO C6 PC Case: User Manual and Installation Guide'.	<p>JONSBO C6 PC Case: User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the JONSBO C6 PC case. This document details package contents, component identification, and step-by-step assembly instructions for building your PC.</p>