

## Jonsbo D32 PRO

# JONSBO D32 PRO Micro-ATX PC Case Instruction Manual

Model: D32 PRO

## 1. PRODUCT OVERVIEW

The JONSBO D32 PRO is a compact and highly compatible Micro-ATX PC case, designed to offer flexibility and optimized performance for various hardware configurations. Its innovative A/B mode allows for different motherboard layouts, catering to both standard and back-connect motherboards. This case is engineered for efficient cooling and easy installation, making it suitable for building powerful mini desktop systems.



Figure 1.1: Front view of the JONSBO D32 PRO case with internal components illuminated.



Figure 1.2: Angled view highlighting the internal structure and space of the D32 PRO case.

## 2. KEY FEATURES

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- **High Compatibility:** Supports Micro-ATX and Mini-ITX motherboards, including MATX back-connect/BTF motherboards.
- **Compact Design:** 24L volume mini desktop case with dimensions of D396×W207×H314mm (foot included).
- **GPU Clearance:** Accommodates graphics cards up to 365mm in length.
- **Cooling Support:** Supports 240mm AIO liquid coolers and air coolers up to 163mm (AMD CPU) or 164mm (Intel CPU) in B mode, and 169mm (AMD CPU) or 170mm (Intel CPU) in A mode.
- **PSU Support:** Compatible with ATX/SFX-L/SFX PSUs (Max. L200mm, not compatible with 16A plugs).
- **Storage Options:** Up to 4 x 2.5" drives or 2 x 2.5" + 2 x 3.5" drives (configurations depend on other hardware).
- **Optimized Airflow:** Supports up to 6 cooling fans: Top (2x 120mm/140mm), Rear (1x 120mm), Bottom (3x 120mm/2x 140mm).

- **Front I/O Ports:** Includes 2x USB3.2 Gen1 Type-A, 1x USB3.2 Gen 2 Type-C, 1x AUDIO, 1x MIC.
- **Visual Optimization:** Tempered glass side panel and adjustable motherboard cable management cover for a clean interior.
- **Easy Installation:** Detachable PCI-E position for unobstructed graphics card insertion.

- ① The front/back compartment of the motherboard can be switched in proportion design (A/B mode), which is compatible with MATX1 back plug-in motherboards
- ② Supports ATX specification power supply. Adjustable partition design for power/graphics card compartment to avoid pressure on the graphics card caused by the wire material at the power outlet end
- ③ The height limit of the CPU air-cooled heat sink is 170mm (A mode); Water cooling supports 240 specifications
- ④ Optimize visual design: Adjustable motherboard cable management cover to block visible complex wires
- ⑤ Optimized installation experience design: detachable PCI-E position unobstructed opening design, easy insertion of large graphics card

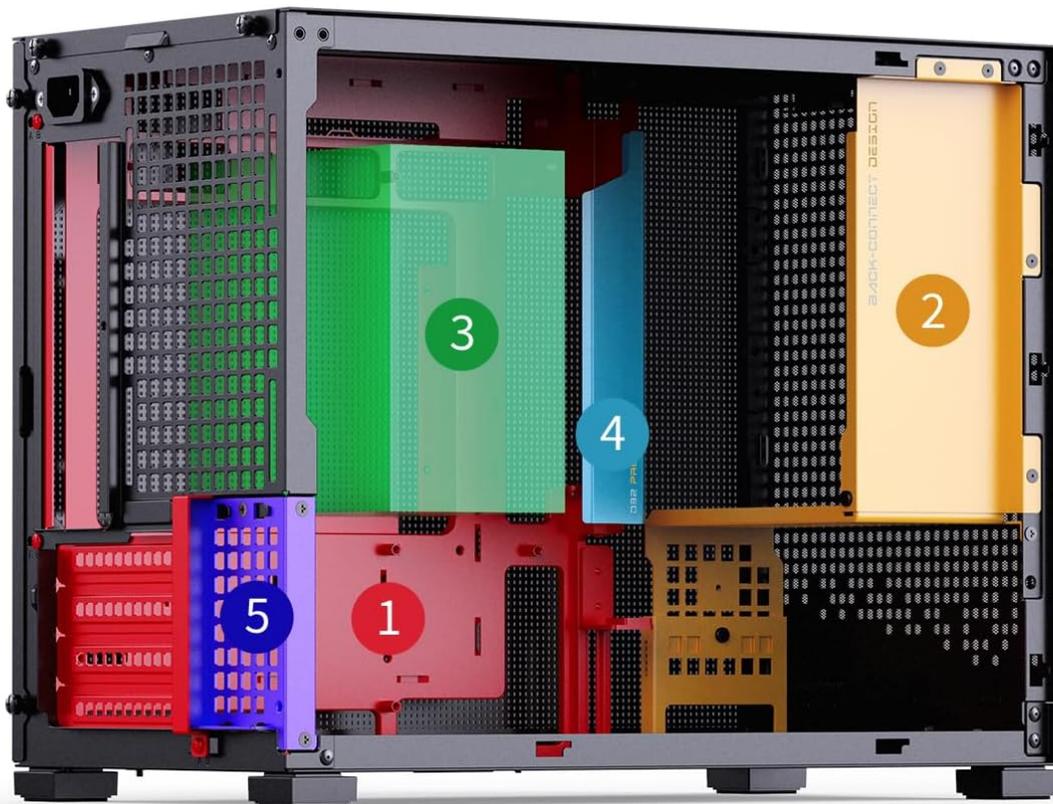


Figure 2.1: Internal component layout highlighting key areas for installation.



Figure 2.2: Detachable PCI-E bracket for simplified graphics card installation.

## The standard configuration includes a simple and adjustable graphics card



Figure 2.3: Included adjustable graphics card support bracket to prevent GPU sag.

### 3. SETUP AND INSTALLATION

Careful planning is essential before beginning your PC build. The JONSBO D32 PRO offers two motherboard modes (A/B) to optimize compatibility and cable management. Ensure you select the correct mode for your motherboard type.

#### 3.1. Motherboard Mode Selection (A/B Mode)

The D32 PRO features a switchable motherboard compartment to support both standard Micro-ATX and back-connect Micro-ATX motherboards. This affects the available space for CPU coolers and cable routing.

- **A Mode (Factory Default):** Compatible with ordinary motherboards, providing ample space for air-cooled heat sinks (up to 170mm Intel CPU / 169mm AMD CPU) and graphics cards. This mode is ideal for traditional builds.
- **B Mode:** Designed for back-connect motherboards, offering increased space for rear-mounted cables. In this mode, CPU air cooler clearance is slightly reduced (up to 164mm Intel CPU / 163mm AMD CPU). Manual switching of the chassis structure is required for B mode.

**Motherboard Compartment/Backline  
Compartment Switchable Proportional  
Design Precise Size Control Support MATX  
Back-connect Motherboard**

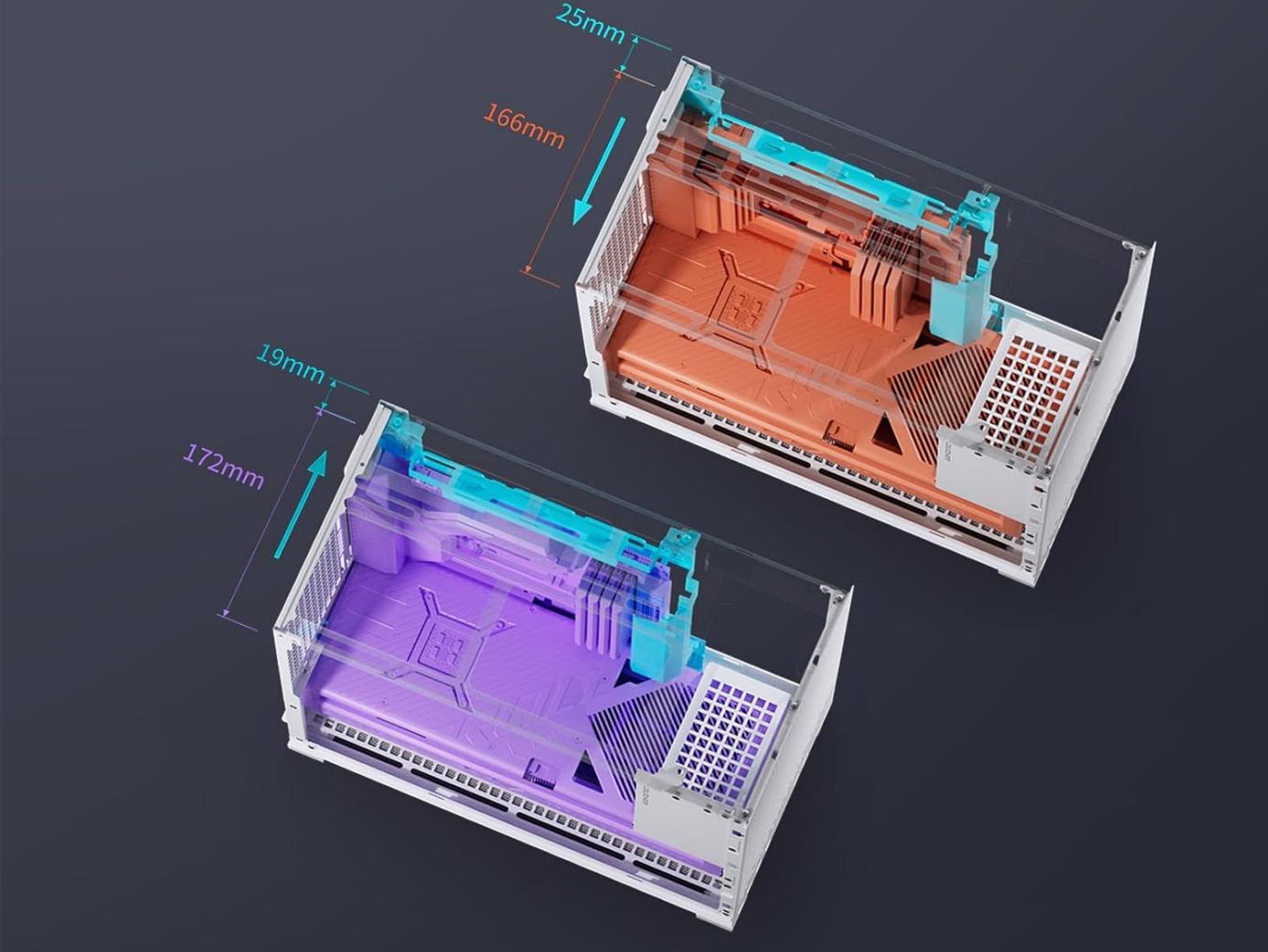


Figure 3.1: A/B Mode diagram showing space differences for CPU cooler and cable management.

# *Precision control size, with an additional option to support MATX back connect motherboards*

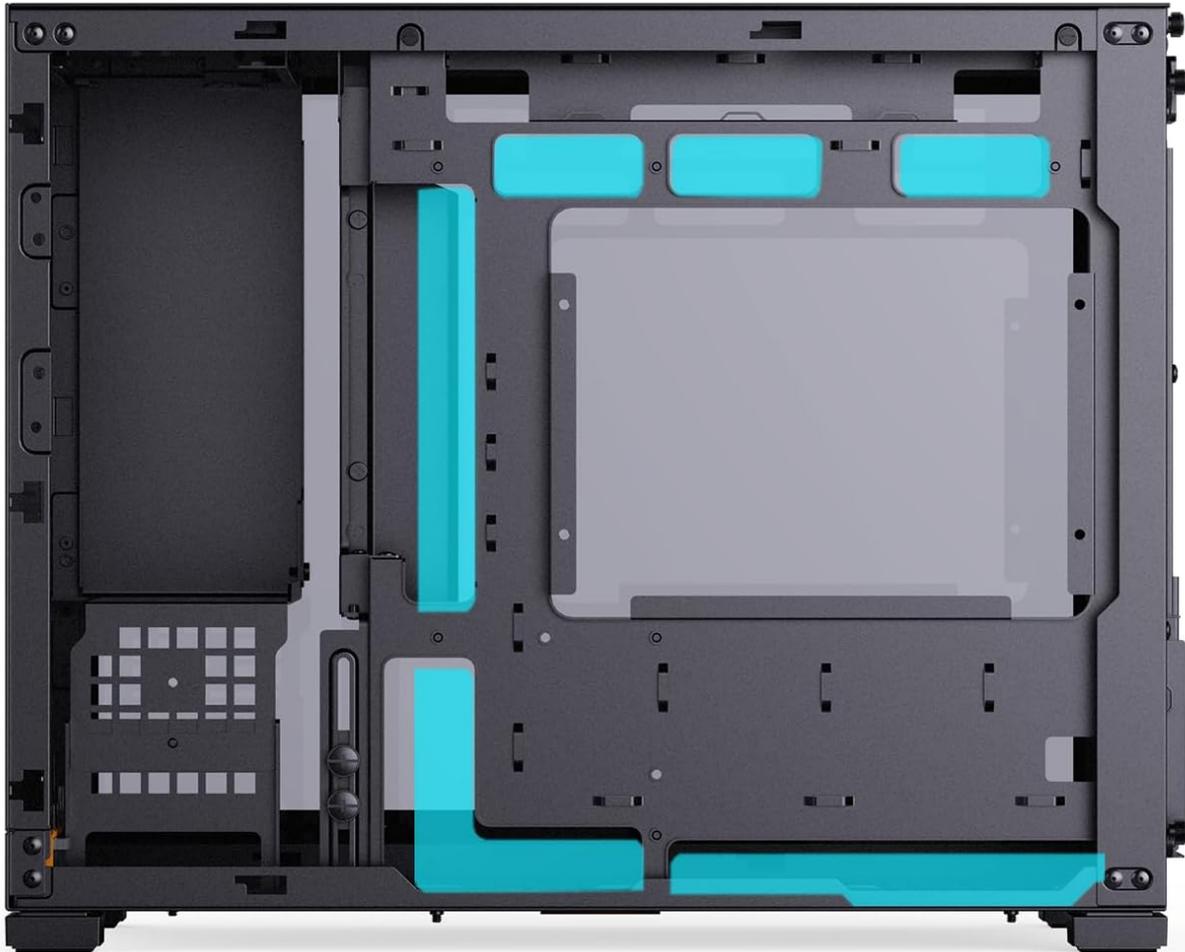


Figure 3.2: Precision control size with an additional option to support MATX back-connect motherboards.

## 3.2. Component Installation Steps

1. **Prepare the Case:** Remove side panels and any necessary internal brackets to facilitate installation.
2. **Install Motherboard:** Secure your Mini-ITX or Micro-ATX motherboard into the selected A or B mode position. Ensure all standoffs are correctly aligned.
3. **Install CPU Cooler:** Depending on your chosen motherboard mode, install your air cooler or AIO radiator. For AIOs, the top supports up to 240mm radiators.
4. **Install Power Supply (PSU):** The D32 PRO supports ATX, SFX-L, and SFX PSUs. The power compartment partition is adjustable. If your GPU length is  $\leq 286\text{mm}$  and the partition is removed, the PSU length is limited to 200mm. SFX power supplies require an SFX adapter bracket.
5. **Install Graphics Card (GPU):** The case supports GPUs up to 365mm in length. Utilize the detachable PCI-E position for easier insertion. Use the included adjustable graphics card support bracket to prevent sag for longer cards.
6. **Install Storage Drives:** Install 2.5" SSDs or 3.5" HDDs in the designated drive bays. The case offers flexible storage configurations.

7. **Install Case Fans:** Optimize airflow by installing fans in the top (2x 120mm/140mm), rear (1x 120mm), and bottom (3x 120mm/2x 140mm) positions.



Figure 3.3: Fan configuration options for optimal cooling within the D32 PRO case.

### 3.3. Cable Management

The D32 PRO includes an adjustable motherboard cable management cover to conceal complex wires, enhancing the visual appeal of your build. Utilize cable ties and routing channels to maintain a tidy interior, which also improves airflow.

## 4. OPERATING CONSIDERATIONS

Once assembled, ensure all connections are secure and the case panels are properly reinstalled. The perforated panels on the top, bottom, and side (depending on model) are designed for optimal airflow. Monitor component temperatures, especially during initial operation, to ensure adequate cooling.

## 5. MAINTENANCE

Regular maintenance helps prolong the life of your components and ensures optimal performance.

- **Dust Cleaning:** Periodically clean dust filters located on the top, bottom, and side panels. These can be removed and cleaned with compressed air or a soft brush.
- **Interior Cleaning:** Use compressed air to remove dust from internal components such as CPU cooler fins, GPU heatsinks, and fan blades. Ensure the system is powered off and unplugged before cleaning.
- **Panel Care:** Clean the tempered glass side panel with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials that could scratch the surface.

## 6. TROUBLESHOOTING

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This section addresses common issues that may arise during or after building your PC in the JONSBO D32 PRO case.

- **Components Not Fitting:**
  - *GPU too long:* Verify your GPU length does not exceed 365mm. Ensure the power compartment partition is adjusted or removed if necessary.
  - *CPU Cooler too tall:* Check if you are in the correct A/B mode for your cooler height. A mode supports up to 170mm, B mode up to 164mm.
  - *PSU not fitting:* Ensure your PSU length is within 200mm. Note that 16A plugs are not compatible.
- **Poor Airflow/High Temperatures:**
  - Verify all fans are installed correctly and spinning in the intended direction (intake/exhaust).
  - Ensure dust filters are clean and not obstructing airflow.
  - Check for proper cable management to avoid blocking airflow paths.
- **Front I/O Ports Not Working:**
  - Confirm that all front I/O cables (USB, Audio) are securely connected to the correct headers on your motherboard.

## 7. SPECIFICATIONS

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Feature	Specification
Model Name	D32 PRO
Chassis Dimensions (L×W×H)	396mm × 207mm × 314mm (Foot included)
Motherboard Support	MINI-ITX / MICRO-ATX standard / MICRO-ATX (Back-connect, requires B mode)
GPU Clearance	Max. 365mm length
CPU Air Cooler Clearance (A Mode)	H170mm (Intel CPU) / 169mm (AMD CPU)
CPU Air Cooler Clearance (B Mode)	H164mm (Intel CPU) / 163mm (AMD CPU)
AIO Radiator Support	Top: Up to 240mm
PSU Clearance	Max. L200mm (not compatible with 16A plugs)

Feature	Specification
Drive Bays	2.5": Up to 4 (depends on config), 3.5": Up to 2 (shared with 2.5" mounts, depends on config)
Fan Support	Top: 2x 120mm / 2x 140mm Rear: 1x 120mm Bottom: 3x 120mm / 2x 140mm
Front I/O Port	USB3.2 Gen1 Type-A*2 / USB3.2 Gen 2 Type-C*1 / AUDIO*1 / MIC*1
Chassis Material	SPCC steel plate (thickness 0.7mm/0.8mm)
Item Weight	11.97 pounds

## 8. VIDEO DEMONSTRATION

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Watch the official product video for a visual guide on the JONSBO D32 PRO Micro ATX PC Case features and design.

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Video 8.1: Official JONSBO D32 PRO Micro ATX PC Case overview. This video demonstrates the case's features, compatibility, and design aspects.

## 9. WARRANTY AND SUPPORT

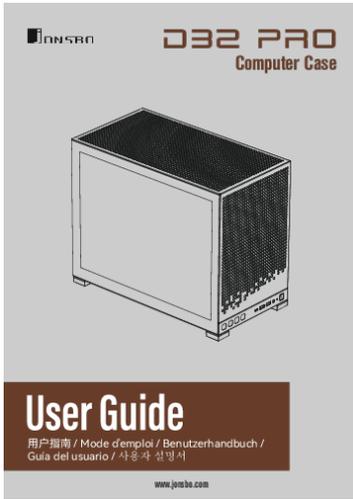
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For warranty information and technical support, please refer to the official JONSBO website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Official JONSBO Store: [JONSBO Amazon Store](#)



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**D32 PRO** Computer Case /Mode d emploi / Benutzerhandbuch / Guia del usuario / [www.jonsbo.com](http://www.jonsbo.com) **D32 PRO** Tech Specs KEY SPECS DIMENSIONS w/o feet and other protrusions : 384mm x 207mm x 302mm depth/width/height DIMENSIONS with feet and other protrusions : 396mm x 207mm x 314mm depth/width/height ... lang:en score:43 filesize: 15.66 M page\_count: 38 document date: 2024-10-16