

## Antec C8

# Antec C8 Full-Tower E-ATX PC Case Instruction Manual

MODEL: C8

## 1. Introduction

The Antec C8 is a full-tower E-ATX PC case designed for high-performance computing. It features a dual-chamber layout, seamless tempered glass panels, and extensive cooling support to accommodate modern components. This manual provides detailed instructions for setup, installation, operation, and maintenance of your Antec C8 PC case.



Figure 1: Antec C8 Full-Tower PC Case with internal components and RGB lighting.

## 2. Key Features

- **Full-View Design:** Seamless tempered glass front and side panels offer a panoramic view of your internal components.
- **Dual Chamber Layout:** Separates the main components (CPU, GPU, Motherboard) from the power supply and drives for optimized thermal performance and cable management.
- **Extensive Cooling Support:** Accommodates up to three 140mm fans or two 160mm fans on both the top and bottom. Supports thick 360mm radiators simultaneously on the top, bottom, and side.

- **Tool-less Design:** Features 0.8mm and 1.0mm thick steel construction with quick-release panels for easy assembly and maintenance.
- **Graphics Card Compatibility:** Ample width to support wider RTX 40 series GPUs. Supports vertical GPU riser brackets (after removal of horizontal slots) and includes 8 reusable PCIe slot covers.
- **Advanced Cable Management:** Equipped with interior and rear Velcro straps, along with rubber grommets for routing cables, providing up to 90mm clearance.
- **Flexible Storage Options:** Modular drive trays support up to two 3.5" HDDs and four 2.5" SSDs.
- **Modern I/O Panel:** Includes a mainstream Type-C (10Gbps) port, USB 3.0 ports, and a Mic/Audio 2-in-1 port, complete with dust plugs.

#### IMPRESSIVE STRUCTURE

## 0.8MM + 1.0MM THICK STEEL & TOOL-FREE DESIGN

The ultra robust 0.8mm & 1mm steel brings unwavering protection, and the tool-free quick-release panels on the front, top and sides make the assembly and cleaning of components simplified than ever.

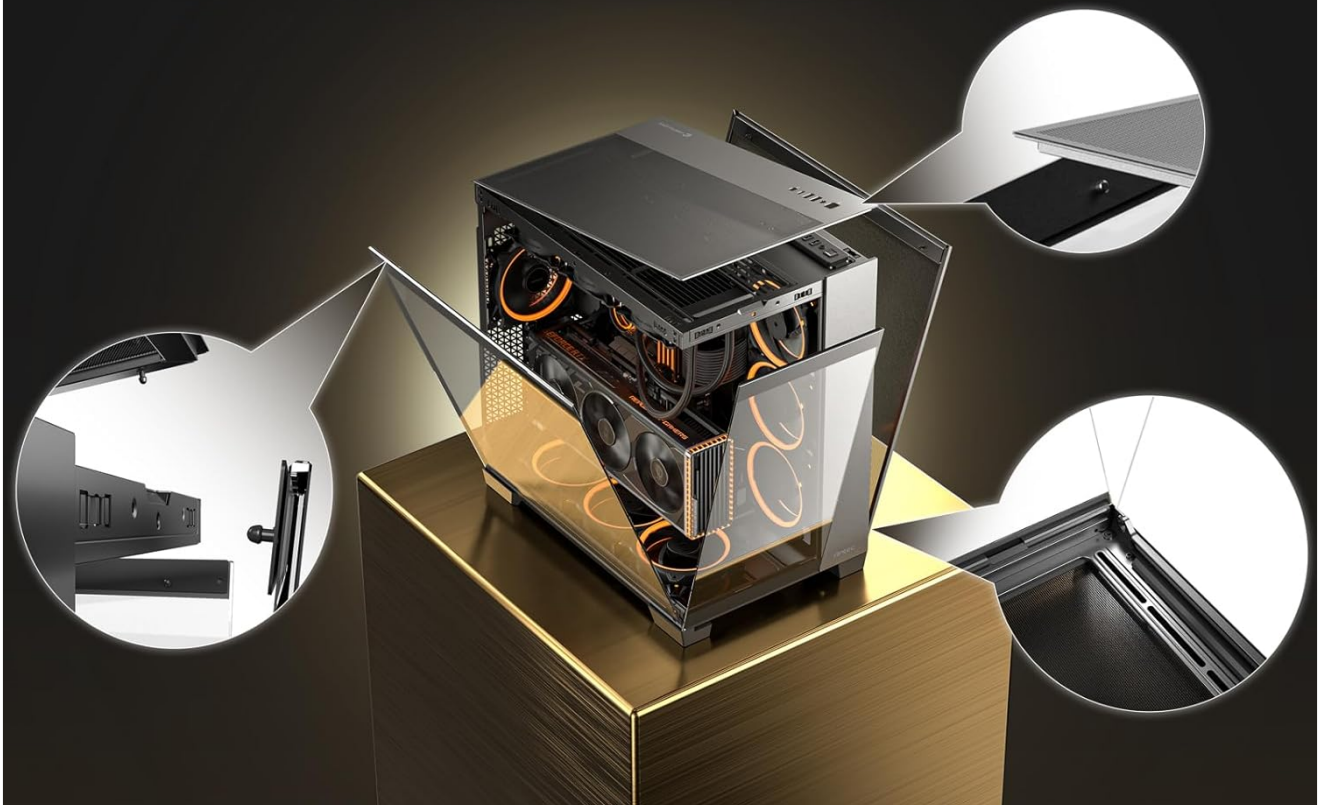


Figure 2: Seamless tempered glass panels for a full-view aesthetic.



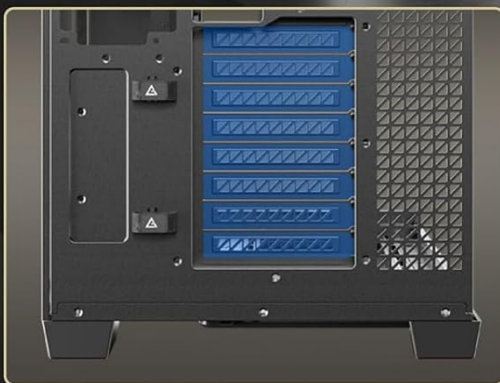
**BUILT FOR BUILDERS**

# GRAPHICS CARDS INSTALLATION

- Provides ample width to perfectly support wider RTX40 series GPU.
- Supports vertical GPU riser brackets after removal.
- Features 8 reusable PCIe slot covers.



▲ Vertical Graphics Card Installation



▲ 8 \* Fully Open PCIe Slots



Figure 3: Detailed view of cable management features in the rear chamber.

## 3. Setup & Installation

### 3.1. Panel Removal

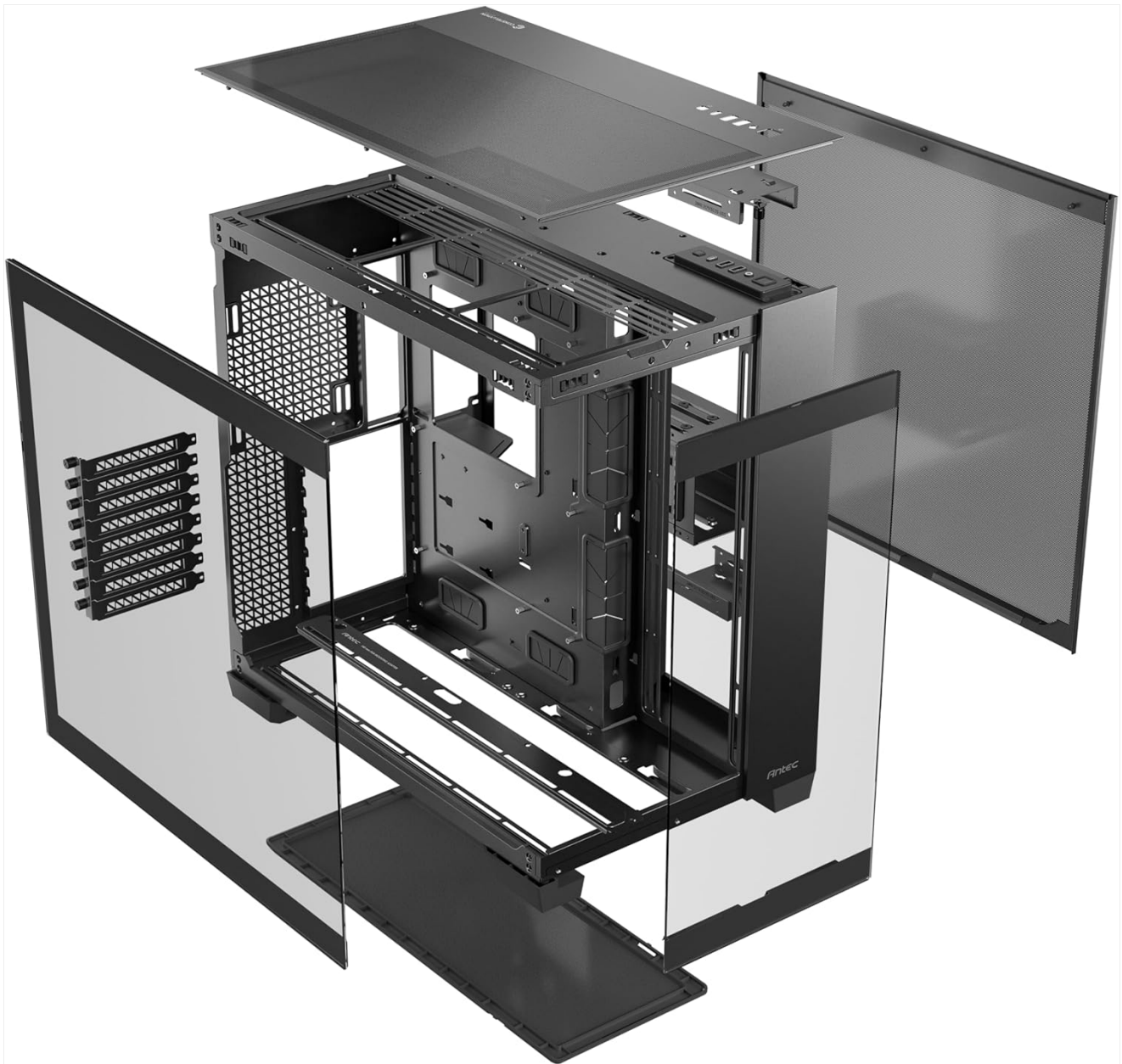
The Antec C8 features tool-less panels for easy access to internal components. To remove the side and top panels, gently pull them away from the chassis. The bottom dust filter is a pull-out design.



*Figure 4: Side panel removal for easy access.*



*Figure 5: Top panel removal revealing the mounting area.*



*Figure 6: Rear panel removed to access the second chamber.*

### **3.2. Motherboard Installation**

The Antec C8 supports E-ATX motherboards. Install your motherboard into the main chamber, securing it with the provided screws. Ensure all standoffs are correctly aligned.

### **3.3. Graphics Card Installation**

The case provides ample space for wider RTX 40 series GPUs. You can install your graphics card horizontally into the PCIe slots. For vertical GPU mounting, remove the horizontal PCIe slot covers and install a compatible vertical GPU riser bracket (sold separately).



# I/O PANEL

- Mainstream Type-C (10Gbps) port for high-speed transmission
- Dust plugs for dust prevention
- Mic/Audio 2-in-1 port

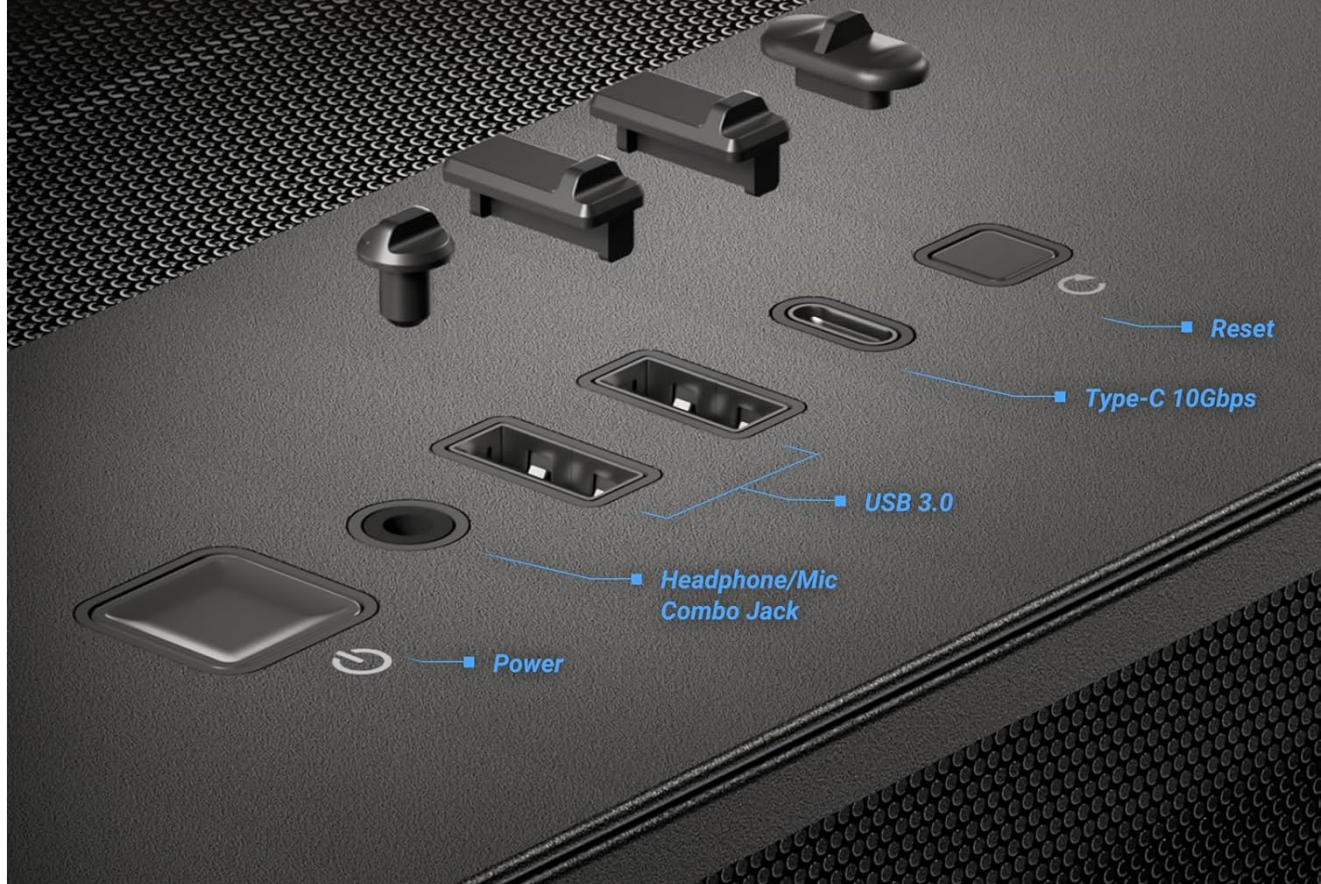


Figure 7: Graphics card installation options.

## 3.4. Power Supply Installation

The power supply mounts at the bottom of the rear chamber. The case supports power supplies up to 210mm in length and includes a stylish PSU bracket with a rubber pad to prevent scratches.



## POWERFUL COMPATIBILITY

# POWER SUPPLY INSTALLATION

- Stylish PSU bracket with rubber pad to prevent scratch
- Vast room to house power supplies up to 210mm in length
- Support side-interface power supplies



Figure 8: Power supply unit installation.

### 3.5. Storage Device Installation

Utilize the modular drive trays for installing your storage devices. The case supports two 3.5" HDDs and four 2.5" SSDs.

# MODULAR DRIVE TRAYS

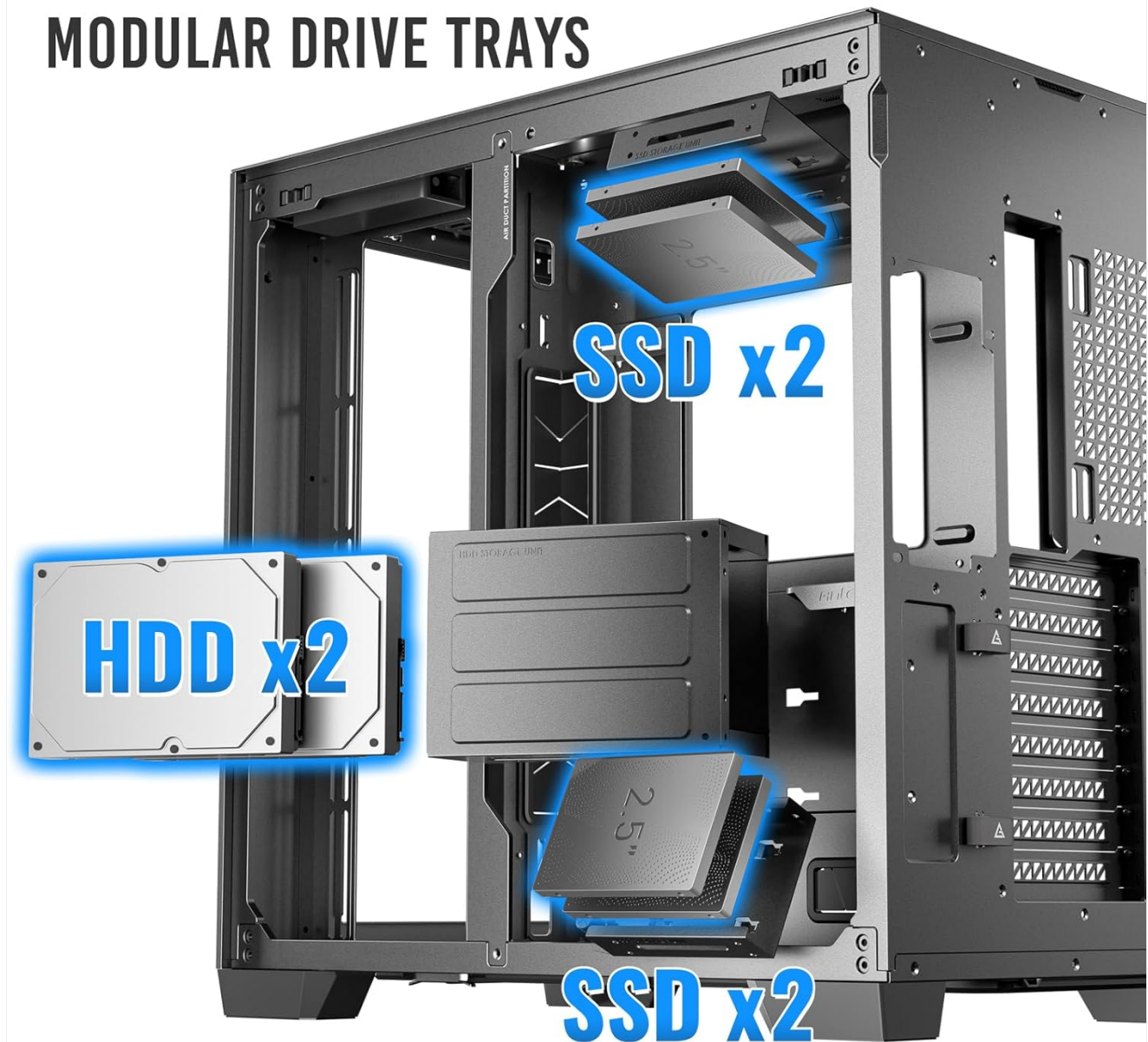


Figure 9: Modular drive trays for storage.

## 3.6. Cable Management

The dual-chamber design and included Velcro straps and rubber grommets facilitate excellent cable management. Route cables through the designated channels to maintain a clean interior and optimize airflow.

## 3.7. Cooling System Installation

The Antec C8 offers versatile cooling options. Fans are not included with this model.

- **Top & Bottom:** Supports three 140mm fans or two 160mm fans.
- **Side:** Supports three 120mm or two 140mm fans.
- **Rear:** Supports one 120mm or one 140mm fan.

For liquid cooling, the case supports thick 360mm radiators on the top, bottom, and side simultaneously.

EXTREMELY COOL

# BEST COOLING DESIGN

Support 3 x 360mm radiators on top, bottom, and side simultaneously for liquid cooling.



Figure 10: Vertical cooling airflow demonstration.



EXTREMELY COOL

# CAVERNOUS SPACE FOR EXTREME LIQUID COOLING

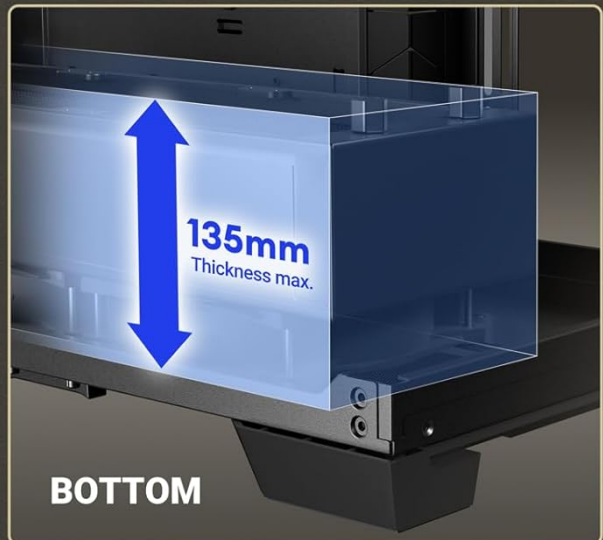
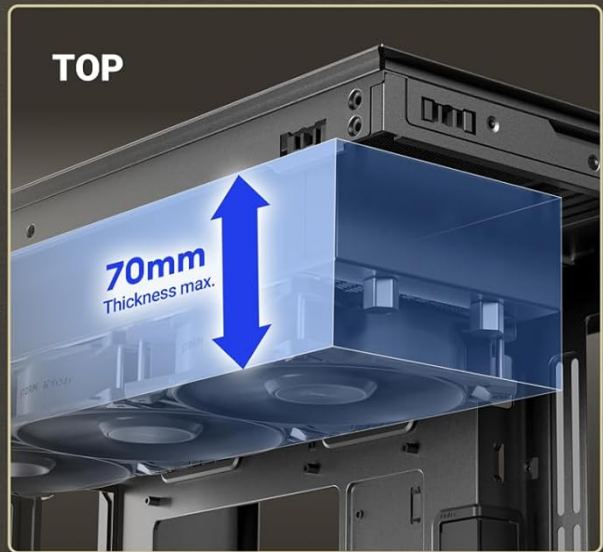
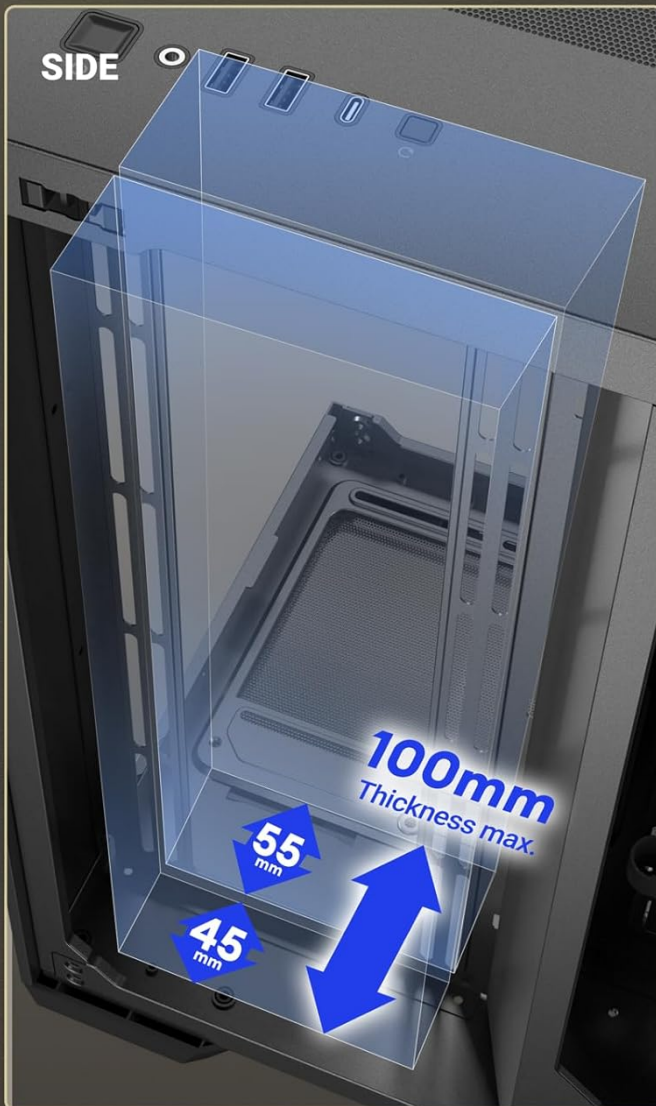


Figure 11: Bottom fan configuration with full cut-out design.

# BEST COOLING DESIGN

## COOLING COMPATIBILITY

FAN SUPPORT

RADIATOR SUPPORT

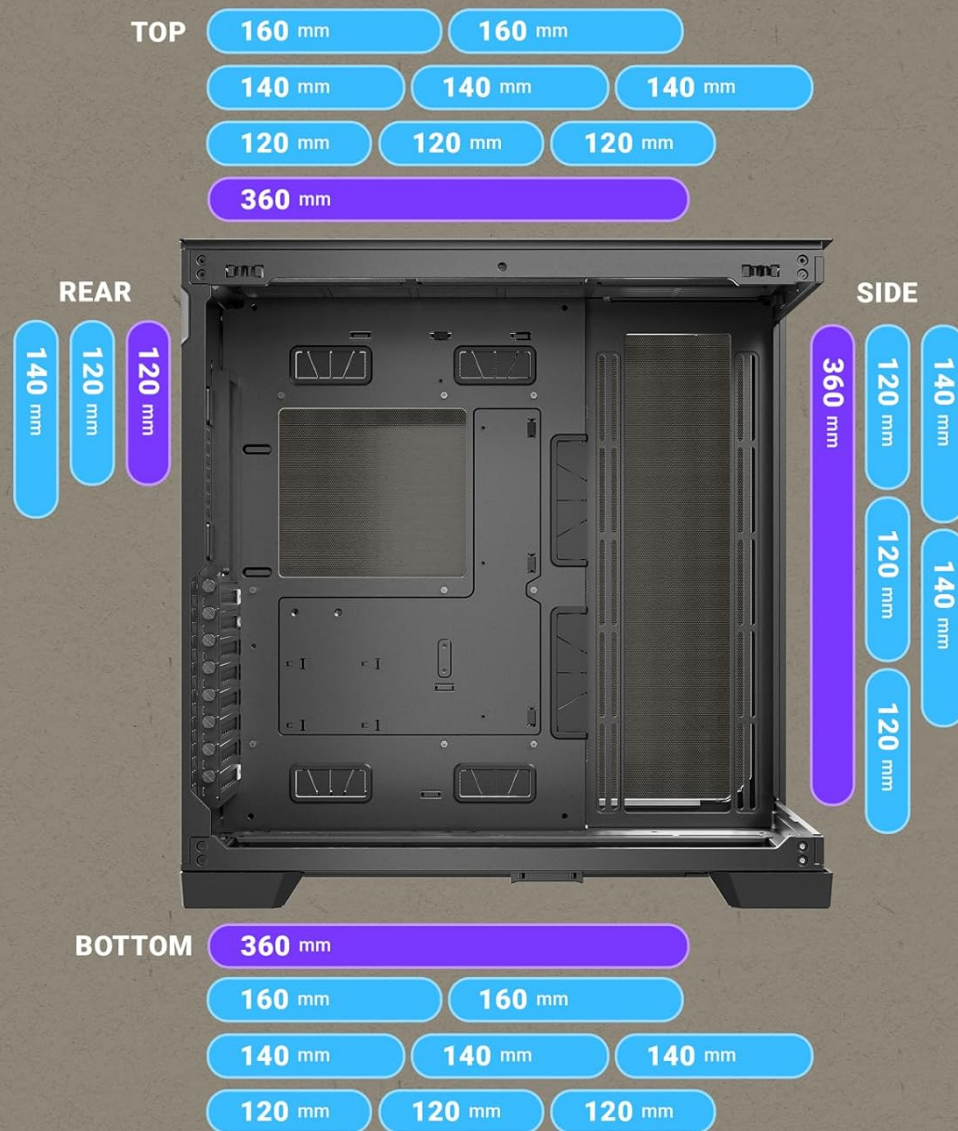


Figure 12: Comprehensive cooling compatibility chart.

## 4. Operating Instructions

### 4.1. Front I/O Panel

The front I/O panel provides convenient access to essential ports:

- Power Button
- Reset Button
- USB 3.0 Ports (x2)
- Type-C (10Gbps) Port (x1)
- Headphone/Mic Combo Jack (x1)





Figure 13: Front I/O Panel layout.

## 5. Maintenance

### 5.1. Dust Filters

The Antec C8 includes a pull-out dust filter at the bottom for easy cleaning. Regularly clean the dust filters to maintain optimal airflow and prevent dust buildup inside the case.





Figure 14: Bottom pull-out dust filter for easy maintenance.

## 5.2. Cleaning the Case

Use a soft, damp cloth to clean the exterior surfaces of the case. For tempered glass panels, use a glass cleaner and a microfiber cloth to avoid scratches. Ensure the system is powered off and unplugged before cleaning.

## 6. Specifications

Feature	Specification
Brand	Antec
Model Name	C8
Case Type	Full Tower
Motherboard Compatibility	Extended ATX
Material	Tempered Glass
Item Weight	10.48 Pounds
Product Dimensions (LxWxH)	18.7 x 8.26 x 11.92 inches

Feature	Specification
Number of USB 3.0 Ports	2
Power Supply Mounting Type	Bottom Mount
Cooling Method	Water

## 7. Official Product Video

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Video 1: Antec C8 motion. This video provides a dynamic overview of the Antec C8 PC case, highlighting its design and features.

## 8. Troubleshooting

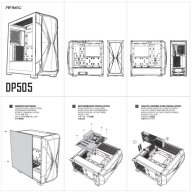
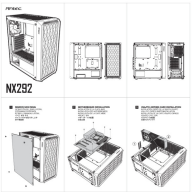
If you encounter any issues during installation or operation, please review the following general troubleshooting steps:

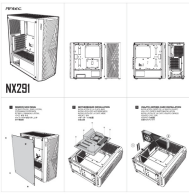
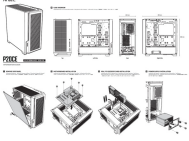
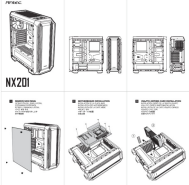
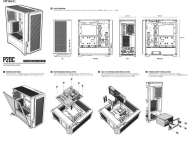
- **Power Issues:** Ensure all power cables (PSU, motherboard, GPU, drives) are securely connected. Verify the power supply switch is in the 'ON' position.
- **Cooling Performance:** Check that all fans are spinning correctly and are connected to the motherboard or fan controller. Ensure dust filters are clean and not obstructing airflow.
- **Component Fit:** Double-check component dimensions against case specifications to ensure compatibility.
- **Loose Connections:** Re-seat all major components (RAM, GPU, storage drives) and check all data and power cables.

## 9. Warranty and Support

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

### Related Documents - c8

	<p><a href="#">Antec DP505 PC Case - Gaming Mid Tower with EATX Support</a></p> <p>Antec DP505 is a white gaming mid-tower PC case featuring EATX support, Type-C Gen2, ARGB fans, PWM control, radiator support, GPU bracket, and tempered glass.</p>
	<p><a href="#">Antec NX292 ATX Gaming PC Case - Manual and Overview</a></p> <p>User manual and overview for the Antec NX292 ATX mid-tower gaming PC case, highlighting its features like fixed RGB fans and tempered glass side panel, along with storage support for HDD and SSD.</p>

 <p>Antec NX291 ATX Tower Gaming Case</p>	<p><a href="#">Antec NX291 ATX Tower Gaming Case - User Manual</a></p> <p>User manual and product overview for the Antec NX291 ATX Tower gaming case, detailing its features such as fixed mode RGB fans, tempered glass side panel, and budget-friendly design.</p>
 <p>Antec P20CE E-ATX gaming PC case</p>	<p><a href="#">Antec P20CE PC Case User Manual and Specifications</a></p> <p>Comprehensive user manual and technical specifications for the Antec P20CE E-ATX gaming PC case. Learn about installation, features, cooling support, and component clearances.</p>
 <p>Antec NX201 ATX gaming computer case</p>	<p><a href="#">Antec NX201 Computer Case Manual: Storage Drive Configuration</a></p> <p>Official manual excerpt for the Antec NX201 ATX gaming computer case, detailing storage drive bay support for SSD and HDD installations.</p>
 <p>Antec P20C mid-tower PC case</p>	<p><a href="#">Antec P20C Mid Tower Gaming PC Case - User Manual and Installation Guide</a></p> <p>Comprehensive user manual for the Antec P20C mid-tower PC case. Learn about its features, installation steps for motherboards, storage, cooling, GPUs, and front panel I/O. Includes specifications and maintenance tips.</p>