

Antec CX700

# Antec CX700 ATX Mid Tower Gaming Case User Manual

Model: CX700 | Brand: Antec

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Antec CX700 ATX Mid Tower Gaming Case. Designed for PC enthusiasts, this case features a sleek, modern design with a tempered glass side panel and pre-installed ARGB fans to enhance visual appeal and ensure optimal airflow. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe operation.

## 2. SPECIFICATIONS

Feature	Detail
Brand	Antec
Model Number	CX700
Case Type	Mid Tower
Motherboard Compatibility	ATX
Color	Black
Material	Alloy Steel, Plastic
Item Weight	5.5 Kilograms (12.1 pounds)
Cooling Method	Air
Pre-installed ARGB Fans	3 (Front-mounted)
Fan Support (Max)	Front: 3x120mm, Top: 3x120mm, Rear: 1x120mm, Bottom: 3x120mm

USB 3.0 Ports	2
USB Type-C Ports	1
Audio Ports	Headphone, Microphone
GPU Clearance (Max)	410mm (16.14 inches)
HDD Support	3.5 inches
SSD Support	2.5 inches
PSU Length (Max)	225mm

### 3. PACKAGE CONTENTS

- Antec CX700 ATX Mid Tower Gaming Case
- Pre-installed ARGB Fans (3 fans, typically front-mounted as per product title)
- Accessory Box (Screws, cable ties, user manual)
- Tempered Glass Side Panel

### 4. SETUP INSTRUCTIONS

#### 4.1 Unpacking and Inspection

Carefully remove the case from its packaging. Inspect for any signs of damage during transit. The tempered glass panel is fragile; handle with care.



Figure 1: Front and side view of the Antec CX700 case, showcasing the tempered glass panel and pre-installed fans.

#### 4.2 Removing Side Panels

To access the interior for component installation, remove the tempered glass side panel and the solid rear side panel.

1. Locate the thumbscrews on the rear of the case securing the tempered glass panel.
2. Carefully unscrew these thumbscrews.
3. Gently pull the tempered glass panel away from the chassis. Lay it flat on a soft, clean surface to prevent scratches or damage.
4. Repeat the process for the solid rear side panel if necessary for cable management access.



Figure 2: Rear view of the Antec CX700 case, showing the rear fan and expansion slots. The side panel is removed for internal access.

### 4.3 Motherboard Installation

Install your ATX motherboard into the designated area. Ensure all standoffs are correctly aligned and secured.

### 4.4 Component Installation

Install your CPU, RAM, GPU (up to 410mm length), storage drives (3.5" HDD, 2.5" SSD), and power supply unit (PSU, up to 225mm length) according to their respective manuals and the case's layout.



Figure 3: Top view of the Antec CX700 case, highlighting the pre-installed fans and internal layout for component placement.

## 4.5 Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables effectively. This improves airflow and aesthetics.

## 4.6 Front Panel I/O Connections

Connect the front panel I/O cables (USB 3.0, USB Type-C, HD Audio, Power, Reset, LED) to the corresponding headers on your motherboard.

- **Power Button:** Initiates system power.
- **Reset Button:** Restarts the system.
- **USB 3.0 Ports (x2):** For high-speed data transfer.
- **USB Type-C Port (x1):** For modern device connectivity.
- **Headphone Jack:** Audio output.
- **Microphone Jack:** Audio input.

## 5. OPERATING INSTRUCTIONS

Once all components are installed and connected, replace the side panels. Connect your peripherals, monitor, and power cable. Press the power button on the top panel to start your system. The pre-installed ARGB fans will illuminate, providing customizable lighting effects.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your PC case and components.

- **Dust Filters:** The case includes magnetic dust filters (e.g., on the top panel) that can be easily removed and cleaned with water or a soft brush. Clean these regularly to maintain airflow and prevent dust buildup inside the case.

- **Interior Cleaning:** Periodically open the side panels and use compressed air to remove dust from internal components and fans. Ensure the system is powered off and unplugged before cleaning.
- **Tempered Glass:** Clean the tempered glass panel with a microfiber cloth and a non-abrasive glass cleaner. Avoid harsh chemicals.

## 7. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

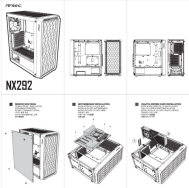
- **System Not Powering On:**
  - Ensure the power supply is properly connected to the wall outlet and the PSU switch is in the 'ON' position.
  - Verify all power cables (24-pin ATX, 8-pin CPU, PCIe for GPU) are securely connected to the motherboard and components.
  - Check that the front panel power button cable is correctly connected to the motherboard's front panel header.
- **Fans Not Spinning / ARGB Not Lighting Up:**
  - Confirm that the fan power cables and ARGB cables are correctly connected to the motherboard or a dedicated ARGB controller.
  - Refer to your motherboard manual for proper ARGB header connections and software control.
- **No Display Output:**
  - Ensure your monitor cable is connected to the graphics card (GPU) output, not the motherboard's integrated graphics ports (unless using integrated graphics).
  - Reseat the graphics card in its PCIe slot.

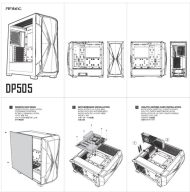
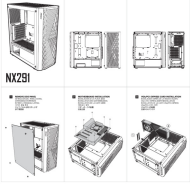
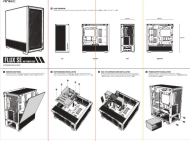
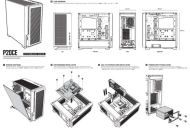
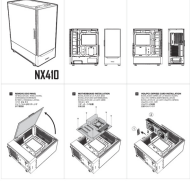
## 8. WARRANTY AND SUPPORT

The Antec CX700 ATX Mid Tower Gaming Case comes with a standard manufacturer's warranty. For specific warranty terms, duration, and to register your product, please visit the official Antec website or contact their customer support. Keep your proof of purchase for warranty claims.

For further technical assistance or support, please refer to the Antec support resources available online.

### Related Documents - CX700

	<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>
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 <p>DP505</p>	<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>NX291</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>FLUX SE</p>	<p><a href="#">Antec Flux SE PC Case User Manual and Overview</a></p> <p>Comprehensive guide to the Antec Flux SE mid-tower PC case, covering features, specifications, and installation instructions. Learn about its airflow design, cooling support, and build quality for optimal PC performance.</p>
 <p>P20CE</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>NX410</p>	<p><a href="#">Antec NX410 ATX Mid-Tower PC Case - Installation Manual and Overview</a></p> <p>A comprehensive guide to the Antec NX410 ATX mid-tower computer case, covering specifications, features, and detailed installation instructions for PC builders. Learn how to assemble your system with this informational manual.</p>