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Antec NX700

Antec NX700 Mid-Tower ATX Gaming Case User Manual

Model: NX700 | Brand: Antec

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Antec NX700 Mid-Tower ATX Gaming Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage.



Figure 1: Antec NX700 Mid-Tower ATX Gaming Case overview.

Key Features

- **3D Geometric Mesh Front Panel:** Designed for optimal airflow and aesthetic appeal.
- **Included ARGB Fans:** Comes with two 185mm ARGB fans in the front and one 120mm ARGB fan in the rear for effective cooling and customizable lighting.

- **Tempered Glass Side Panel:** A 4mm thick tempered glass side panel provides a clear view of your internal components.
- **Extensive Radiator Support:** Supports up to a 360mm radiator for advanced liquid cooling solutions.
- **Versatile I/O Panel:** Features Power, LED control button, Reset, 2 x USB 3.0 ports, and MIC/HD-AUDIO jacks.
- **Motherboard Compatibility:** Supports ATX, Micro-ATX, and Mini-ITX motherboards.



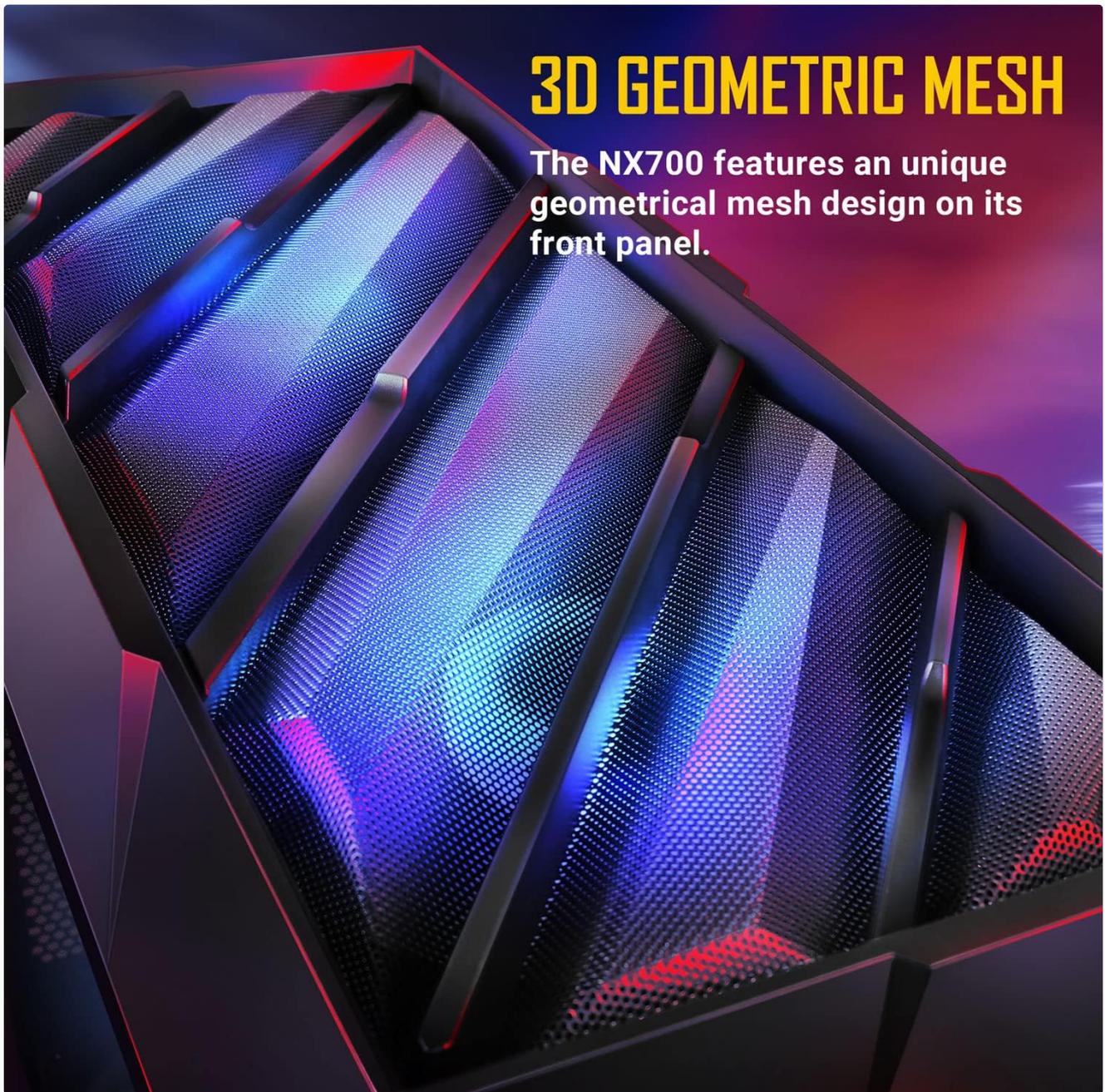
Figure 2: Close-up of the 3D geometric mesh front panel, designed for enhanced airflow.

2. SETUP AND INSTALLATION

Follow these steps to install your components into the Antec NX700 case.

2.1 Included Fans Installation

The case comes pre-installed with two 185mm ARGB fans at the front and one 120mm ARGB fan at the rear. Ensure these fans are properly connected to your motherboard or a fan controller for power and ARGB functionality.



3D GEOMETRIC MESH

The NX700 features an unique geometrical mesh design on its front panel.

Figure 3: Illustration of the included 2 x 185mm ARGB front fans and 1 x 120mm ARGB rear fan.

2.2 Cooling System Configuration

The NX700 supports various fan and radiator configurations to optimize cooling performance.

- **Front:** Supports 3 x 120mm, 3 x 140mm, or 2 x 185mm fans. Radiator support up to 360mm.
- **Top:** Supports 2 x 120mm or 2 x 140mm fans. Radiator support up to 280mm.
- **Rear:** Supports 1 x 120mm or 1 x 140mm fan. Radiator support up to 140mm.
- **Power Supply Shroud:** Supports 2 x 120mm fans.



Figure 4: Diagram illustrating fan and radiator mounting options within the case.



Figure 5: Illustration showing space for a 360mm radiator installation at the front, even with 185mm fans.

2.3 Component Installation

The NX700 offers ample space for various components. Ensure all cables are routed neatly for optimal airflow and aesthetics.

- **Motherboard:** Supports ATX motherboards (up to 305mm x 275mm).
- **CPU Cooler:** Maximum height of 170mm.
- **Graphics Card (GPU):** Maximum length of 340mm.
- **Power Supply (PSU):** Supports PSUs up to 200mm (with HDD) or 365mm (without HDD).
- **Storage:** 2 x 3.5" HDD / 2.5" SSD (convertible) and 4 x 2.5" SSDs.

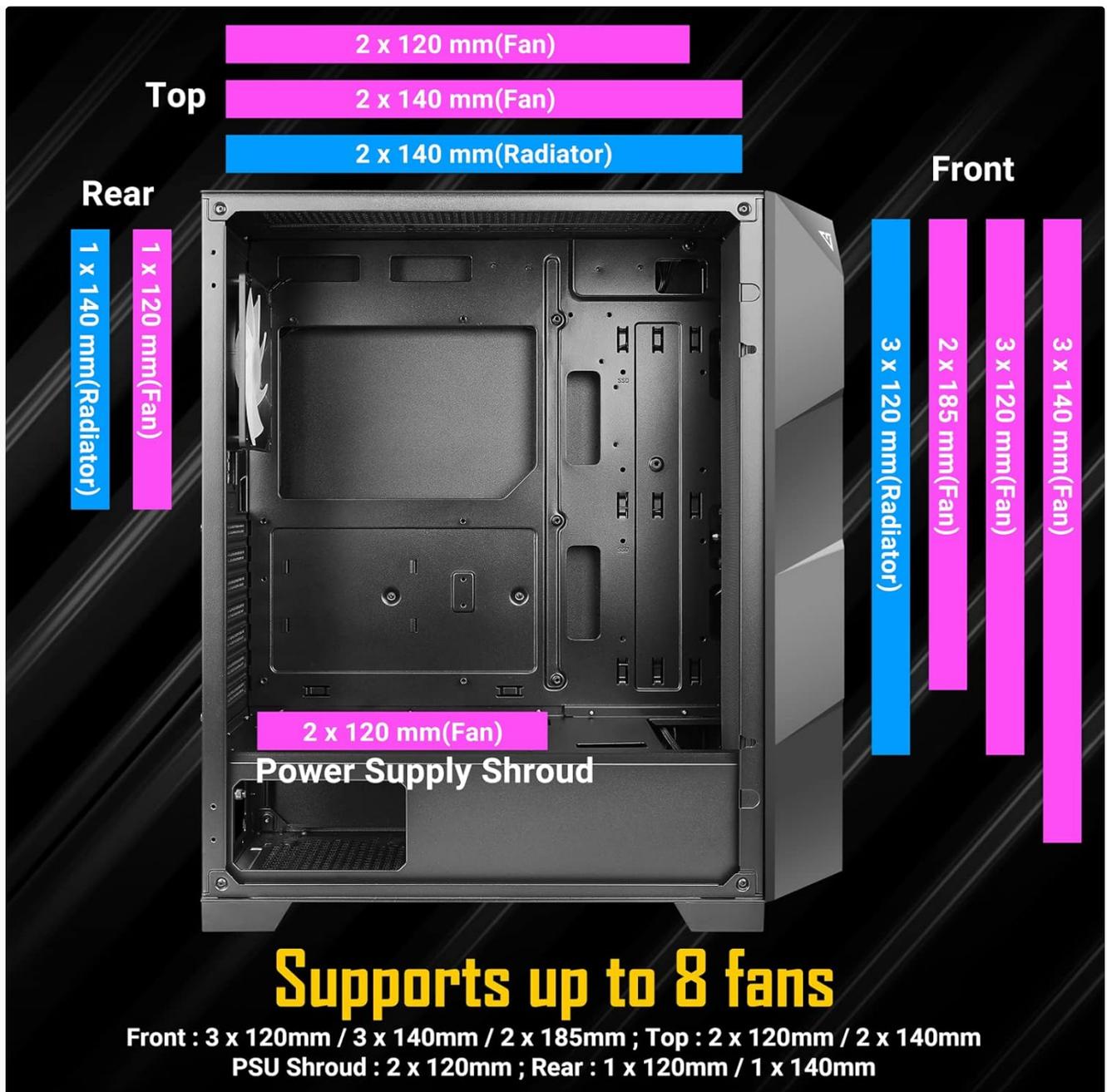


Figure 6: Internal layout showing maximum dimensions for CPU cooler, GPU, and motherboard support.

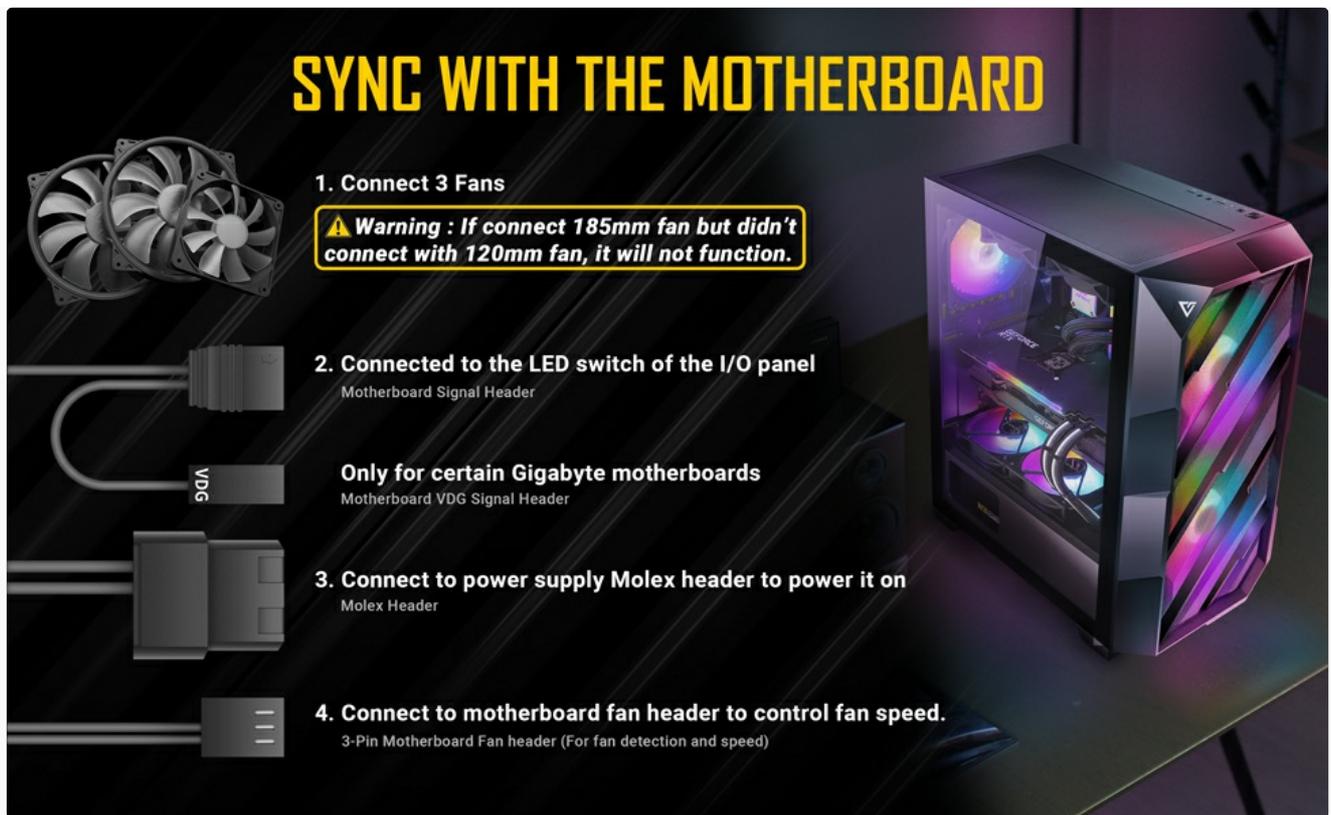


Figure 7: An internal view of the NX700 case with various components installed, demonstrating space and layout.

2.4 Video Guide for Assembly

Watch this official video for a visual guide on the Antec NX700 Mid-Tower ATX Gaming Case features and assembly process.

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Video 1: Official overview and assembly guide for the Antec NX700 Mid-Tower ATX Gaming Case.

3. OPERATING INSTRUCTIONS

3.1 I/O Panel Functions

The top I/O panel provides convenient access to essential controls and ports.

- **Power Button:** Turns the system on or off.
- **LED Control Button:** Cycles through various ARGB lighting modes for the included fans.
- **Reset Button:** Restarts the system.
- **USB 3.0 Ports (x2):** For high-speed data transfer.
- **MIC/HD-AUDIO Jacks:** For connecting headphones and microphones.



Figure 8: Detailed view of the top I/O panel with power, LED control, USB 3.0, and audio ports.

3.2 ARGB Fan Control

The included ARGB fans can be controlled either via the dedicated LED button on the I/O panel or synchronized with your motherboard's ARGB software.

1. **Using the LED Control Button:** Press the LED button on the I/O panel to cycle through pre-programmed lighting effects.
2. **Motherboard Synchronization:** To sync with your motherboard, connect the ARGB cables from the fans to a compatible 3-pin 5V ARGB header on your motherboard. Use your motherboard's software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion) to control the lighting.



Figure 9: The Antec NX700 case showcasing its vibrant ARGB lighting capabilities.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Antec NX700 case.

- **Dust Filters:** Periodically clean the dust filters located at the top and bottom of the case. Gently remove them

and use compressed air or a soft brush to clear accumulated dust.

- **Case Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Tempered Glass Panel:** Clean the tempered glass panel with a microfiber cloth and a glass cleaner designed for electronics. Avoid excessive force or harsh chemicals.
- **Internal Cleaning:** Every few months, open the case and use compressed air to remove dust from internal components and fan blades. Ensure the system is powered off and unplugged before cleaning.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Antec NX700 case.

5.1 Fans Not Spinning or Lighting Up

- **Power Connection:** Verify that all fan power cables are securely connected to the motherboard fan headers or a fan controller.
- **ARGB Connection:** Ensure ARGB cables are correctly connected to a 3-pin 5V ARGB header on the motherboard or the case's LED controller. Incorrect connection (e.g., to a 4-pin 12V RGB header) can damage the LEDs.
- **LED Button Functionality:** If using the case's LED button, ensure it is functioning. Try cycling through modes.
- **Motherboard Software:** If using motherboard sync, check your motherboard's ARGB software for fan control and lighting settings.
- **Molex Connector:** Some fan controllers or hubs may require a Molex connector for power. Ensure this is properly connected to your power supply.

5.2 No Power to System

- **PSU Connection:** Ensure the power supply is properly installed and connected to the motherboard and all components. Check that the PSU switch is in the 'ON' position.
- **Front Panel Connectors:** Verify that the front panel power switch cable is correctly connected to the motherboard's front panel header. Refer to your motherboard manual for the correct pinout.

5.3 Missing Motherboard Mounting Stand-offs

While the case includes standard stand-offs, some motherboard layouts (e.g., certain ATX boards) may require additional stand-offs for full support. Ensure all necessary stand-offs are installed to prevent motherboard flex and potential damage.

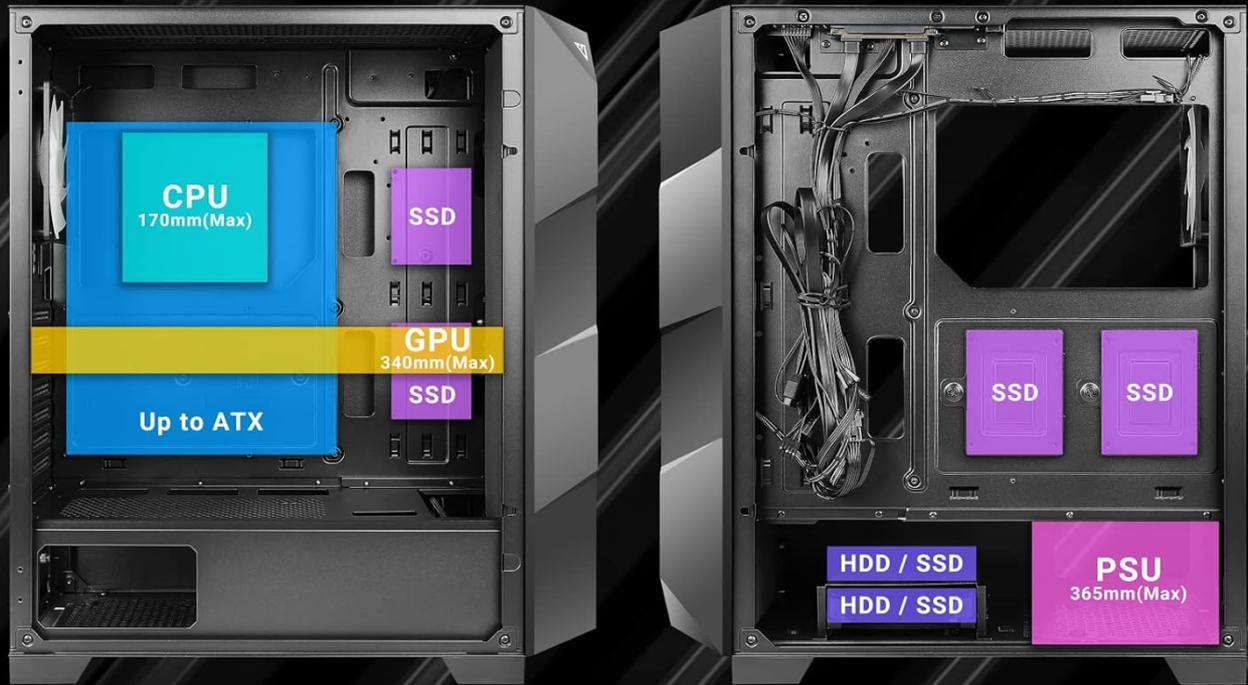
6. SPECIFICATIONS

Detailed technical specifications for the Antec NX700 Mid-Tower ATX Gaming Case.

Feature	Specification
Brand	Antec
Series	NX700
Model Name	NX700
Item Model Number	0-761345-81072-2

Feature	Specification
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Material	SPCC + Plastic, Tempered Glass
Product Dimensions (LxWxH)	17.32 x 8.66 x 19.37 inches (440 x 220 x 492 mm)
Item Weight	15.84 pounds (7.2 Kilograms)
Included Fans	2 x 185mm ARGB (Front), 1 x 120mm ARGB (Rear)
Front Fan Support	3 x 120mm / 3 x 140mm / 2 x 185mm
Top Fan Support	2 x 120mm / 2 x 140mm
Rear Fan Support	1 x 120mm / 1 x 140mm
PSU Shroud Fan Support	2 x 120mm
Front Radiator Support	Up to 360mm
Top Radiator Support	Up to 280mm
Rear Radiator Support	Up to 140mm
Max CPU Cooler Height	170mm
Max GPU Length	340mm
Max PSU Length	200mm (with HDD) / 365mm (without HDD)
Drive Bays	2 x 3.5" HDD / 2.5" SSD (convertible), 4 x 2.5" SSD
I/O Panel	Power, LED Control, Reset, 2 x USB 3.0, MIC/HD-AUDIO

READY FOR PERFORMANCE



● Motherboard Support	Up to ATX	● 3.5" HDD/2.5" SSD (convertible)	2/2
● CPU Cooler Support	170 mm	● 2.5" SSDs	4
● Graphics Card Support	340 mm	● PSU Support	Up to 200 mm (with HDD) Up to 365 mm (without HDD)

Figure 10: Dimensions of the Antec NX700 Mid-Tower ATX Gaming Case.



Figure 11: Rear view of the Antec NX700, showing expansion slots and fan mount.

7. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please visit the official Antec website or contact Antec customer service. Keep your proof of purchase for warranty claims.

