

Antec P30 ARGB

Antec P30 ARGB Mid-Tower ATX Case Instruction Manual

Model: P30 ARGB | Brand: Antec

1. INTRODUCTION

The Antec P30 ARGB Mid-Tower ATX Case is designed for high-performance PC builds, combining aesthetic appeal with optimized cooling capabilities. It features a metal mesh front panel with premium wood accents, ensuring both style and efficient airflow. This manual provides essential information for the proper installation, operation, and maintenance of your Antec P30 ARGB case.



The Antec P30 ARGB case features a metal mesh front panel with wood accents and pre-installed ARGB fans.

2. SETUP AND INSTALLATION

2.1 Unpacking and Inspection

Carefully remove the case from its packaging. Inspect for any damage that may have occurred during transit. Retain the packaging for future transportation or storage.

2.2 Side Panel Removal

The Antec P30 ARGB features a tool-free tempered glass side panel for easy access to internal components. Gently pull the top edge of the glass panel outwards to unlatch it, then lift it off the hinges. For the steel side panel, loosen the two captive thumbscrews at the rear and slide the panel backward to remove.

TOOL-FREE PANEL DESIGN

4mm tempered glass side panel with tool-free snap-on design for easy installation and removal.



The tempered glass side panel can be easily removed without tools for convenient access.

2.3 Motherboard Installation

Install your ATX, Micro-ATX, or ITX motherboard onto the pre-installed standoffs. Secure it with the provided screws. Ensure all necessary cables can reach their respective headers.

2.4 GPU Installation

The case supports graphics cards up to 405mm in length, accommodating modern RTX 50 Series GPUs and other high-end components. Remove the necessary PCIe slot covers and install your GPU, securing it with screws.

SUPPORTS RTX 50 SERIES GRAPHICS CARDS

Accommodates GPUs up to 405mm in length, ensuring compatibility with the latest RTX 50 Series and other high-end components.



The case provides generous space for large graphics cards, up to 405mm in length.

2.5 Cooling System Installation

The P30 ARGB comes with five pre-installed PWM fans: two 140mm ARGB fans at the front, two 120mm reverse fans on the PSU shroud, and one 120mm ARGB fan at the rear. These fans are configured for optimal airflow.

- **Radiator Support:** The top panel supports a 360mm radiator for advanced liquid cooling solutions.
- **CPU Cooler Height:** The case accommodates CPU coolers up to 175mm in height.
- **Optimized GPU Airflow:** The bottom-mounted reverse fans provide direct airflow to the GPU, enhancing cooling efficiency.

SUPPORTS 360MM RADIATOR AT THE TOP



The top panel supports a 360mm radiator for liquid cooling.



30mm

OPTIMIZED AIRFLOW FOR GPU COOLING

Large side intake design enhances airflow, while about 30mm of clearance between the bottom fans and the GPU allows reverse fans to deliver direct, efficient cooling.

Optimized airflow design ensures efficient GPU cooling.



POWERFUL COOLING COMPATIBILITY

Max. CPU Cooler Height : 175mm

The case supports CPU coolers up to 175mm in height.

2.6 Storage Drive Installation

The case provides mounting options for 3.5" and 2.5" storage drives. Refer to the internal layout diagram for specific locations. Install your HDDs or SSDs and connect the necessary power and data cables.

2.7 Power Supply Installation

Install your standard ATX power supply unit in the bottom-mounted PSU shroud. Secure it with screws from the rear of the case. Route power cables through the designated cutouts.

2.8 Cable Management

The P30 ARGB includes four rubber grommets and three Velcro straps to facilitate neat cable management behind the motherboard tray. Utilize these features to organize cables and improve airflow.

EFFORTLESS CABLE MANAGEMENT

Includes 4 rubber grommets and 3 Velcro straps for neat cable management and organization.



Rubber grommets and Velcro straps assist in effortless cable management.

2.9 Front Panel I/O Connections

Connect the front panel I/O cables (Power, Reset, Headphone/Mic Combo Jack, USB 3.0, Type-C 3.2 Gen 2) to their corresponding headers on your motherboard. Ensure correct polarity for power and reset switches.

EXTENSIVE INTERIOR

• Motherboard support	ATX, Micro-ATX, ITX	• Power Supply max length (Cable included) ≤ 270mm	
• CPU cooler max height	≤ 175 mm	• 3.5" / 2.5"	2 / 1
• GPU max length	≤ 405 mm	• 2.5"	1



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

Your browser does not support the video tag.

Official product video showcasing the Antec P30 ARGB case features and design.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press the power button located on the top I/O panel to turn your system on or off. A short press typically powers on, while a longer press (usually 4-5 seconds) initiates a forced shutdown.

3.2 ARGB Lighting Control

The pre-installed ARGB fans can be controlled via your motherboard's ARGB software (if compatible) or a dedicated ARGB controller (if included or purchased separately). Refer to your motherboard manual for ARGB header locations and software instructions.

4. MAINTENANCE

4.1 Cleaning the Case

To maintain optimal airflow and appearance, regularly clean the case. Use a soft, damp cloth to wipe down

exterior surfaces. For mesh panels, a soft brush or compressed air can remove dust buildup. Ensure the system is powered off and unplugged before cleaning.

4.2 Interior Dust Removal

Periodically remove the side panels and use compressed air to clear dust from internal components, especially fans, heatsinks, and filters. This helps prevent overheating and prolongs component lifespan.

5. TROUBLESHOOTING

5.1 System Not Powering On

- Check all power connections, including the PSU to the wall outlet, PSU to motherboard (24-pin and CPU 8-pin), and front panel power switch header to the motherboard.
- Ensure the power supply switch is in the 'ON' position.
- Verify that the front panel power button cable is correctly connected to the motherboard.

5.2 Fans Not Spinning/ARGB Not Lighting Up

- Confirm that all fan power cables (PWM) are securely connected to the motherboard or fan controller.
- Check ARGB cables for secure connection to the motherboard's ARGB header or a dedicated controller.
- Ensure ARGB software or controller settings are correctly configured.

5.3 Front Panel USB/Audio Ports Not Working

- Verify that the USB 3.0, Type-C, and audio headers from the front panel are correctly plugged into the corresponding ports on your motherboard.
- Check your motherboard's BIOS/UEFI settings to ensure USB and audio ports are enabled.

6. SPECIFICATIONS

Feature	Detail
Brand	Antec
Model Name	P30 ARGB
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, ITX
Material	Metal, Tempered Glass
Color	Black
Item Weight	15.1 Pounds

Feature	Detail
Item Dimensions (D x W x H)	18.82"D x 8.74"W x 18.31"H
Pre-installed Fans	2 x 140mm PWM ARGB (front), 2 x 120mm PWM Reverse (PSU shroud), 1 x 120mm PWM ARGB (rear)
Radiator Support	Up to 360mm (top)
Max CPU Cooler Height	175mm
Max GPU Length	405mm
Storage Drive Bays	2 x 3.5"/2.5", 1 x 2.5"
Front I/O Ports	Power, Reset, Headphone/Mic Combo, 2 x USB 3.0, 1 x Type-C 3.2 Gen 2
Special Features	Tool-less Tempered Glass, Optimized GPU Airflow, Cable Management Features

FAN & RADIATOR SUPPORT



7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Antec P30 ARGB Mid-Tower ATX Case comes with a 2-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Technical Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Antec website or contact their customer support. You may find FAQs, driver downloads, and contact information on their support page.

Official Antec Website: www.antec.com