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Antec P10 FLUX

Antec P10 FLUX Mid-Tower Silent Case User Manual

Model: P10 FLUX

1. Introduction

The Antec P10 FLUX is a mid-tower silent PC case designed to provide excellent thermal performance while maintaining a quiet operating environment. It features the F-LUX Platform for advanced airflow, sound-dampening panels, and a versatile design for component installation.

Figure 1.1: Front view of the Antec P10 FLUX case with the front panel closed.

2. Key Features

- **F-LUX Platform:** Advanced case structure designed for superior airflow, including 5 x 120mm fans.
- **Mass Airflow:** Supports up to 6 x 120mm fans for optimal component cooling.
- **Reversible & Swing-Open Front Panel:** Offers flexibility in opening direction based on user preference or PC environment.
- **Air-Concentrating Filter:** Enhances cooling efficiency by directing airflow.
- **Radiator Support:** Ready for radiators up to 360mm in the front and 120mm in the rear.
- **Fan-Speed Control:** Integrated control for high/low fan speed modes.
- **Sound-Dampening:** Features sound-dampening foam on the top, front, and both side panels to reduce noise.

Figure 2.1: Diagram illustrating the F-LUX Platform's dual airflow channel and side panel air intake for enhanced cooling.

3. Setup and Installation

3.1 Component Compatibility

The P10 FLUX case supports a range of components. Ensure your selected hardware fits within the specified dimensions:

- **Motherboard Support:** Up to ATX, Micro-ATX, ITX.
- **Max CPU Cooler Height:** 175mm.
- **Max GPU Length:** 405mm.
- **Max PSU Length:** 205mm.
- **Drive Bays:** 3 x 3.5" removable HDDs / 2.5" SSDs (compatible), 3 x 2.5" SSDs, 1 x 5.25" ODD bay.

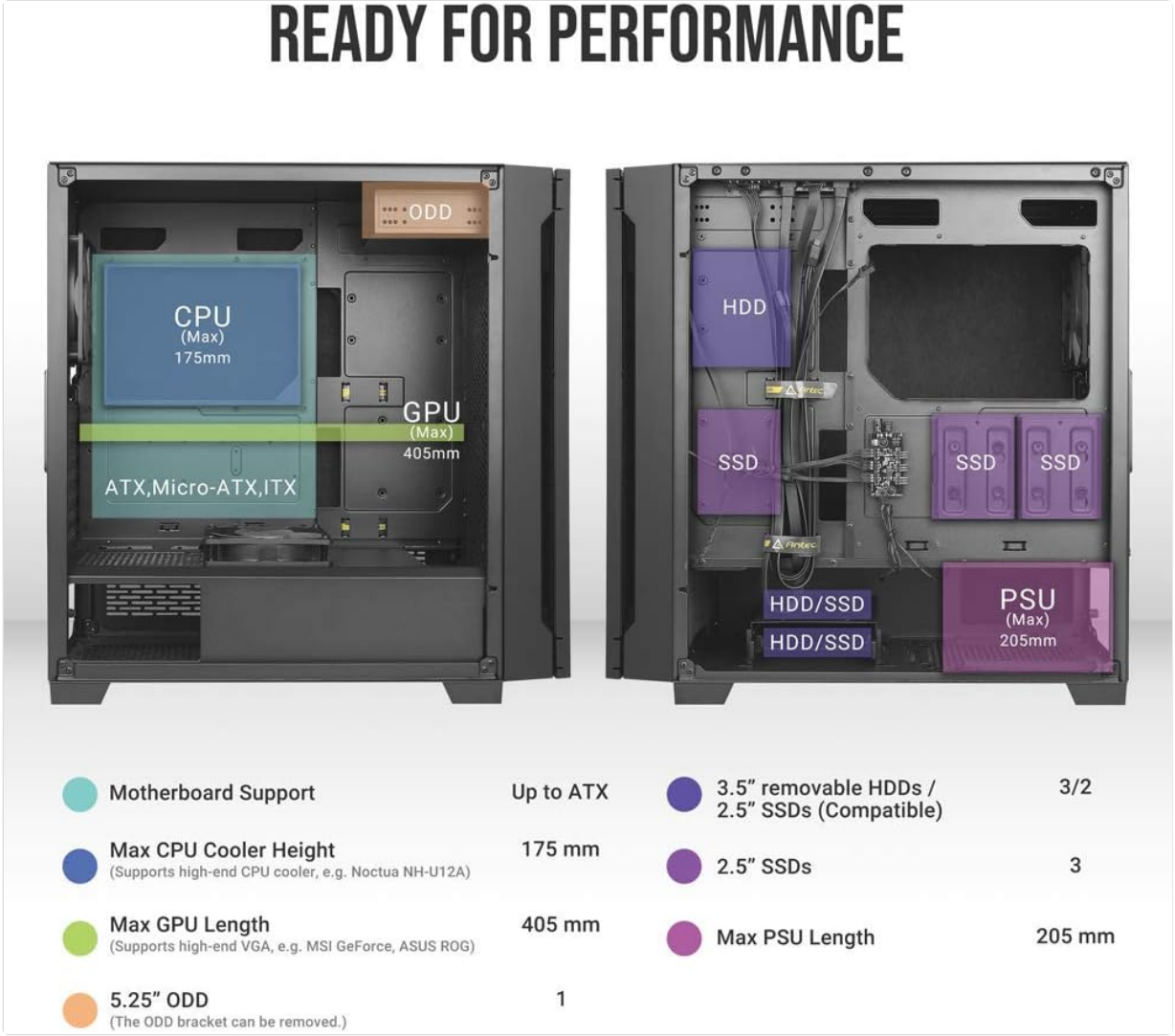

Figure 3.1: Internal layout showing maximum dimensions for CPU cooler, GPU, and PSU, along with drive bay locations.

3.2 Fan Configuration

The case comes pre-installed with 5 x 120mm fans:

- 3 x 120mm Front Fans
- 1 x 120mm Reverse Fan on PSU Shroud
- 1 x 120mm Rear Fan

The case supports up to 6 fans in total. Refer to the diagram for optimal fan placement and radiator support.

Figure 3.2: Internal view highlighting fan mounting locations and sizes for ultimate thermal performance.

Figure 3.3: The case with its front panel swung open, revealing the three pre-installed 120mm front intake fans.

3.3 Reversible Front Panel

The front panel of the P10 FLUX is reversible, allowing you to choose whether it opens from the left or right side. This feature provides flexibility to adapt to your workspace or personal preference.

Figure 3.4: Illustration demonstrating the 145-degree swing and reversibility of the front panel.

4. Operating the Case

4.1 Fan Speed Control

The P10 FLUX includes a dedicated fan speed control button located on the top panel. This allows you to switch between high and low fan speed modes to balance airflow and noise levels according to your needs.

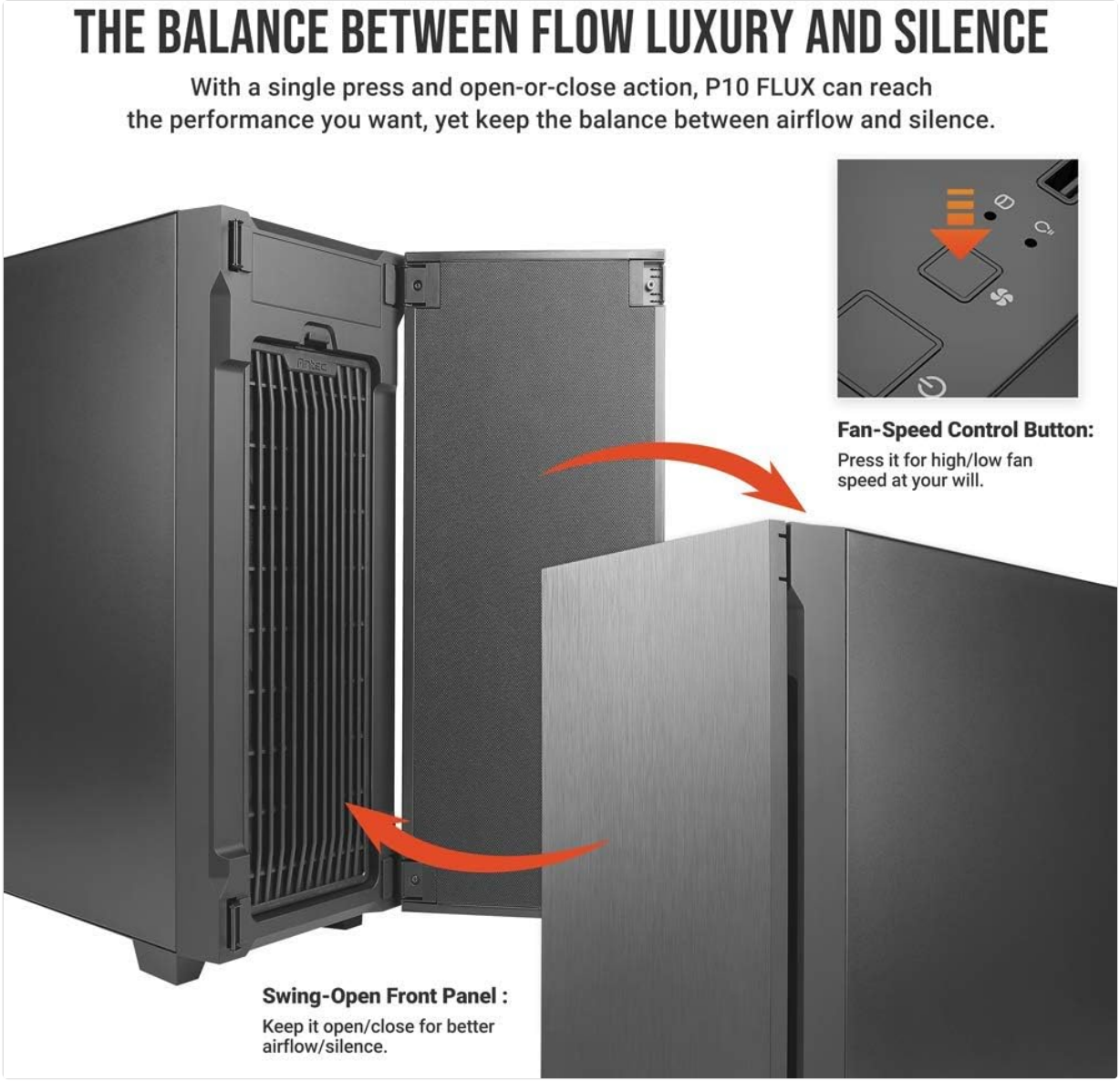

Figure 4.1: Close-up of the top panel showing the fan speed control button and the swing-open front panel mechanism.

4.2 Front Panel Access

The swing-open front panel provides easy access to the front intake fans and the air-concentrating filter for maintenance or adjustments. It can be opened or closed to optimize between airflow and silence.

Figure 4.2: The case with its front panel open, providing access to the interior and front fan area.

5. Maintenance

5.1 Dust Filter Cleaning

The P10 FLUX features an air-concentrating filter at the front to prevent dust accumulation inside the case. Regularly clean this filter to maintain optimal airflow and cooling performance. The filter can be easily removed for cleaning.

5.2 Sound-Dampening Panels

The sound-dampening foam on the top, front, and side panels helps reduce system noise. Ensure these panels are securely closed to maximize noise reduction. Avoid damaging the foam during handling.

6. Specifications

Brand	Antec
Series	P10 FLUX
Item Model Number	P10

Item Weight	7.1 ounces
Product Dimensions (LxWxH)	18.8 x 8.7 x 19.1 inches
Motherboard Compatibility	ATX, M-ATX, ITX
Case Type	Mid Tower
Material	Polycarbonate (PC)
Cooling Method	Air
Fan Size	120 Millimeters
Number of USB 2.0 Ports	2
Number of USB 3.0 Ports	2

7. Official Product Video

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Video 7.1: Antec Performance Series P10 Flux overview, showcasing key features and design elements.

8. Troubleshooting

If you encounter issues with your Antec P10 FLUX case, consider the following general troubleshooting steps:

- **No Power:** Ensure all power supply connections to the motherboard and components are secure. Check the power button connection to the motherboard.
- **Overheating:** Verify that all fans are spinning correctly and are not obstructed. Clean dust filters regularly. Ensure proper cable management for unobstructed airflow.
- **Excessive Noise:** Confirm that all fans are securely mounted and free from obstructions. Check if the sound-dampening panels are properly closed. Use the fan speed control to reduce fan RPM if noise is a concern.
- **Front Panel I/O Issues:** Check that the front panel USB and audio cables are correctly connected to the motherboard headers.

9. Warranty and Support

For warranty information and technical support, please refer to the official Antec website or contact Antec customer service directly. Keep your proof of purchase for warranty claims.
Official Antec Website: www.antec.com