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Tacens 2ALUX

Tacens 2ALUX PC Case User Manual

Model: 2ALUX

1. Introduction

The Tacens 2ALUX is a professional semitower ATX case designed for optimal performance and durability. Constructed entirely from ultra-light steel alloy, it offers extreme resistance and lightness. This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Tacens 2ALUX PC case.

Key Features:

- **100% Ultra-Light Steel Alloy:** Ensures extreme resistance, lightness, and an ecological design without plastic facades.
- **Superior Cooling:** Features constant airflow thanks to a side air intake and a pre-installed 120mm fan. The metallic front panel also contributes to passive heat transfer.
- **Advanced Internal Capacity:** Supports ATX, micro-ATX, and mini-ITX motherboards, up to 4 hard drives, and facilitates efficient internal cable management.
- **Dust Protection & Noise Reduction:** Its closed construction minimizes dust penetration from the exterior and reduces unwanted noise emission.

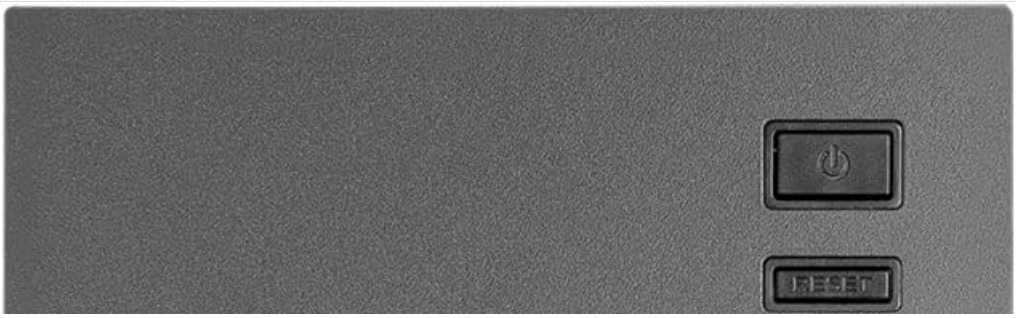
2. Setup and Installation

Follow these steps to properly set up your Tacens 2ALUX PC case and install your components.

2.1 Unpacking the Case

Carefully remove the PC case from its packaging. Inspect for any damage during transit. Retain the packaging for future transport or warranty claims.

2.2 Component Overview




TACENS

Figure 2.1: Front view of the Tacens 2ALUX PC case, showing the power button, reset button, USB ports, and audio jacks.



Figure 2.2: Interior view of the Tacens 2ALUX PC case, showing the motherboard tray, drive bays, and rear fan mount.

2.3 Motherboard Installation

1. Remove the side panel of the case.
2. Install the I/O shield provided with your motherboard into the rear opening of the case.
3. Align your ATX, micro-ATX, or mini-ITX motherboard with the standoffs inside the case. Ensure all standoffs match the screw holes on your motherboard.
4. Secure the motherboard with the appropriate screws.

2.4 Power Supply Installation

1. The Tacens 2ALUX supports bottom-mounted power supplies. Position your power supply unit (PSU) in the designated bay at the bottom rear of the case.
2. Secure the PSU to the case using screws from the rear.

2.5 Drive Installation

The case provides bays for 3.5-inch and 2.5-inch drives.

1. Identify the internal drive bays. The case supports up to 4 internal drive bays.
2. Mount your 3.5-inch hard drives or 2.5-inch SSDs into the designated bays using the provided screws.

2.6 Cable Management

Utilize the cutouts and space behind the motherboard tray for efficient cable routing to maintain good airflow and a tidy interior.

2.7 Fan Installation

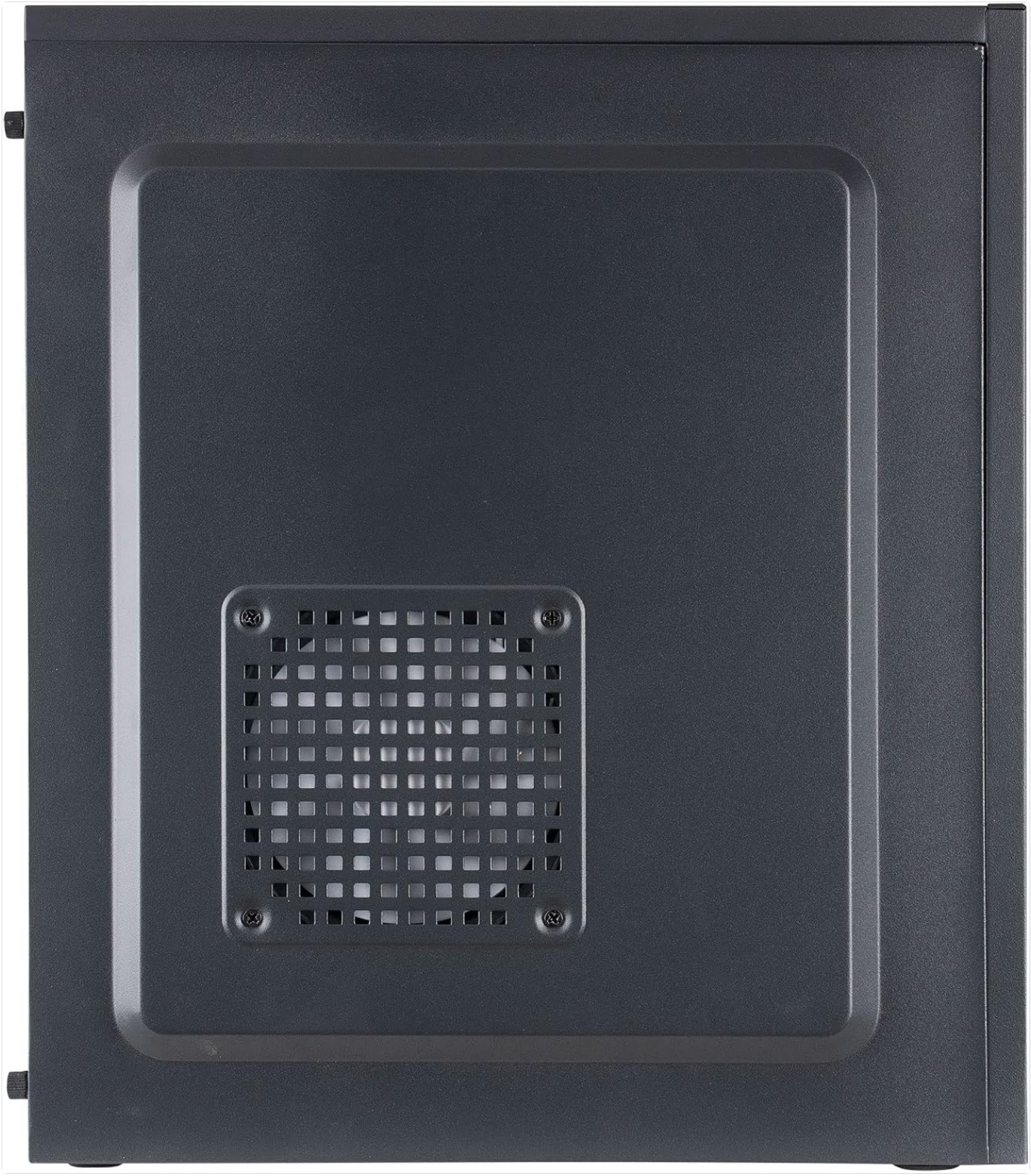


Figure 2.3: Side view of the Tacens 2ALUX PC case, showing the ventilation grill for the side fan.

The case comes with a pre-installed 120mm side fan. Ensure it is properly connected to your power supply or motherboard fan header. Additional fans can be installed in compatible locations if desired.

3. Operating Instructions

Once all components are installed and connected, you can begin operating your PC.

3.1 Front Panel Connections



Figure 3.1: Close-up top-front view of the Tacens 2ALUX PC case, highlighting the front panel I/O ports and buttons.

- **Power Button:** Press to turn on or shut down your computer.
- **Reset Button:** Press to restart your computer.
- **USB 2.0 Ports (x2):** Connect USB 2.0 compatible devices.
- **USB 3.0 Port (x1):** Connect USB 3.0 compatible devices for faster data transfer.
- **Audio Jacks:** Connect headphones (green) and a microphone (pink).

3.2 Powering On/Off

Ensure all external peripherals (monitor, keyboard, mouse) are connected. Press the power button on the front panel to start your computer. To shut down, use the operating system's shutdown procedure or press and hold the power button for a few seconds.

4. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your PC case and its components.

4.1 Dust Filter Cleaning

The Tacens 2ALUX features a dust filter to minimize dust ingress. Periodically check and clean the dust filter to maintain optimal airflow and prevent component overheating. Gently remove the filter and clean it with compressed air or a soft brush. Ensure it is completely dry before re-installing.

4.2 Exterior Cleaning

Wipe the exterior of the case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish.

4.3 Interior Cleaning

Occasionally, open the side panel and use compressed air to remove dust buildup from inside the case, especially around fans and heatsinks. Always power off and unplug your PC before performing interior cleaning.

5. Troubleshooting

This section addresses common issues you might encounter.

5.1 PC Does Not Power On

- Ensure the power cable is securely connected to both the power supply and the wall outlet.
- Check that the power switch on the back of the power supply is in the 'ON' position.
- Verify that the front panel power button cable is correctly connected to the motherboard's front panel header.
- Confirm that all internal power cables (24-pin ATX, CPU, GPU, drives) are properly seated.

5.2 Fans Not Spinning or Excessive Noise

- Check fan connections to the motherboard or power supply.
- Ensure no cables are obstructing fan blades.
- Clean any dust buildup on fan blades and grilles.
- If the side fan interferes with a large graphics card, consider removing the side fan or using a smaller graphics card, as noted in some user experiences.

5.3 Components Do Not Fit

- Refer to the specifications section for maximum component dimensions (e.g., GPU length).
- For drive installations, ensure you are using the correct mounting points and screws. Some users have reported tight fits for 2.5" drives near front panel connectors; careful positioning may be required.

6. Specifications

Detailed technical specifications for the Tacens 2ALUX PC Case.

Brand	Tacens
Model Name	2ALUX

Case Type	Mid Tower
Color	Black
Material	Metal (Ultra-light Steel Alloy)
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Power Supply Mounting	Bottom Mount
Cooling Method	Air
Number of Fans	1 (120mm side fan included)
Total Expansion Slots	1
Internal Drive Bays	4 (for 3.5" or 2.5" drives)
Front I/O Ports	2x USB 2.0, 1x USB 3.0, Audio In/Out
Product Features	Dust Filter
Item Dimensions (D x W x H)	36.5D x 19.3W x 41.4H centimeters
Recommended Uses	Commercial, Gaming

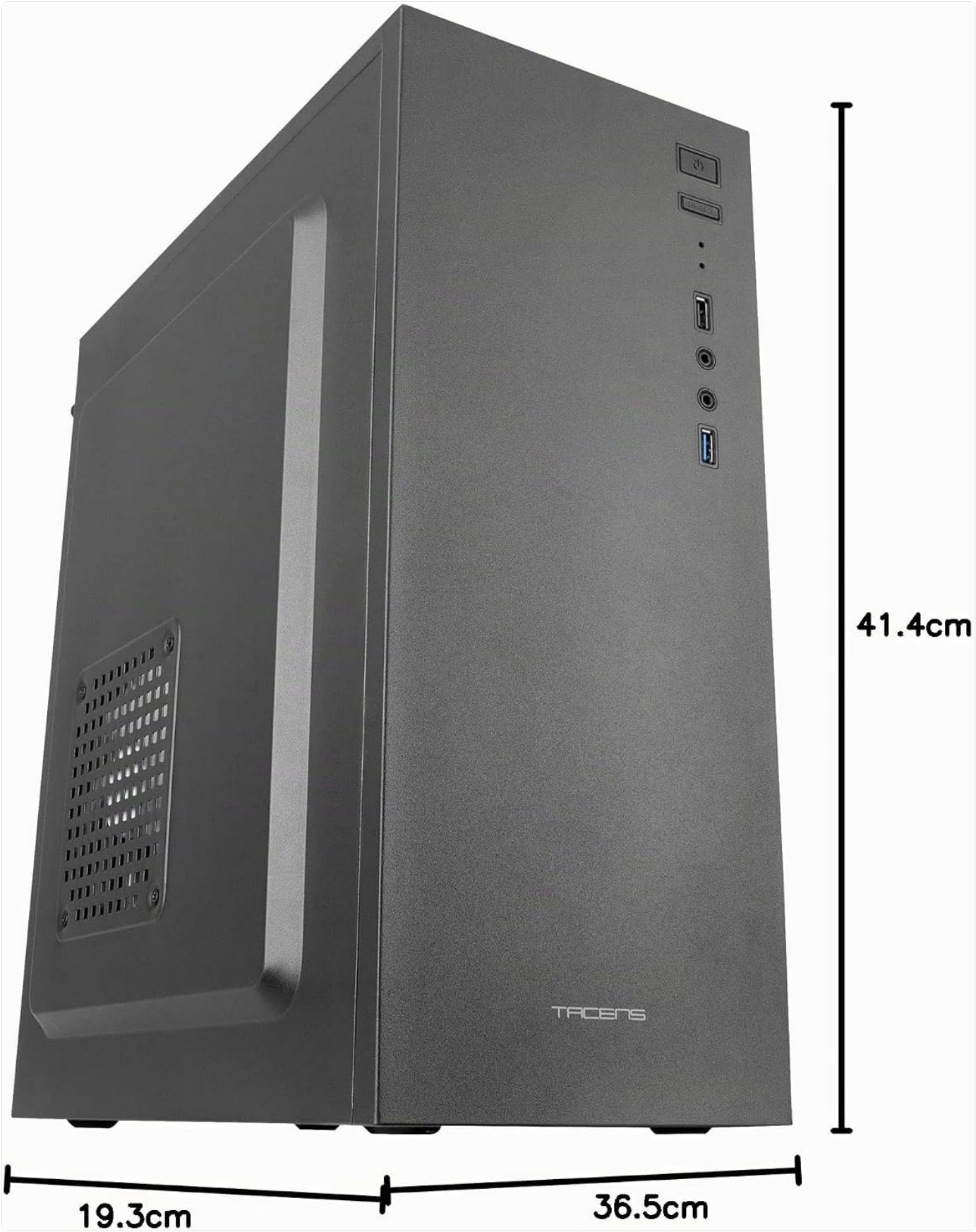


Figure 6.1: Angled view of the Tacens 2ALUX PC case with dimensions labeled (height, depth, width).

7. Warranty Information

The Tacens 2ALUX PC Case comes with a **2-year manufacturer warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation provided with your product or contact Tacens

customer support.

8. Support

For additional support, frequently asked questions, or to explore other Tacens products, please visit the official Tacens store:

Visit the Tacens Store on Amazon

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