

Rosewill CULLINAN MX-BLUE

Rosewill CULLINAN MX-Blue ATX Mid Tower Gaming PC Computer Case

USER MANUAL

1. Overview

The Rosewill CULLINAN MX-Blue is an ATX Mid Tower gaming PC computer case designed for optimal airflow and component visibility. It features three sides of tempered glass, pre-installed blue LED fans, and extensive support for liquid cooling radiators. This manual provides detailed instructions for setting up, operating, and maintaining your computer case.



Figure 1: Rosewill CULLINAN MX-Blue ATX Mid Tower Gaming PC Computer Case.

2. Features

- **Tempered Glass Design:** Features 3 sides of sleek and sturdy tempered glass on the front and both sides to showcase hardware and internal components.

- **Optimized Cooling:** Excellent airflow from 4 pre-installed 120mm blue LED cooling fans (3 front, 1 rear). Supports up to 2 additional 140mm fans on top or 6 total 120mm case fans.
- **Radiator Support:** Optional 360mm radiator liquid cooling support in the front and 280mm radiator clearance on top.
- **PSU Shroud:** Customizable and ventilated PSU shroud basement supports 3 x 80mm fans to promote heat dissipation.
- **Component Clearance:** Supports up to 170mm tall CPU cooler and up to 360mm long VGA card.
- **Dust Filters:** Includes top and bottom dust filters for easy maintenance.

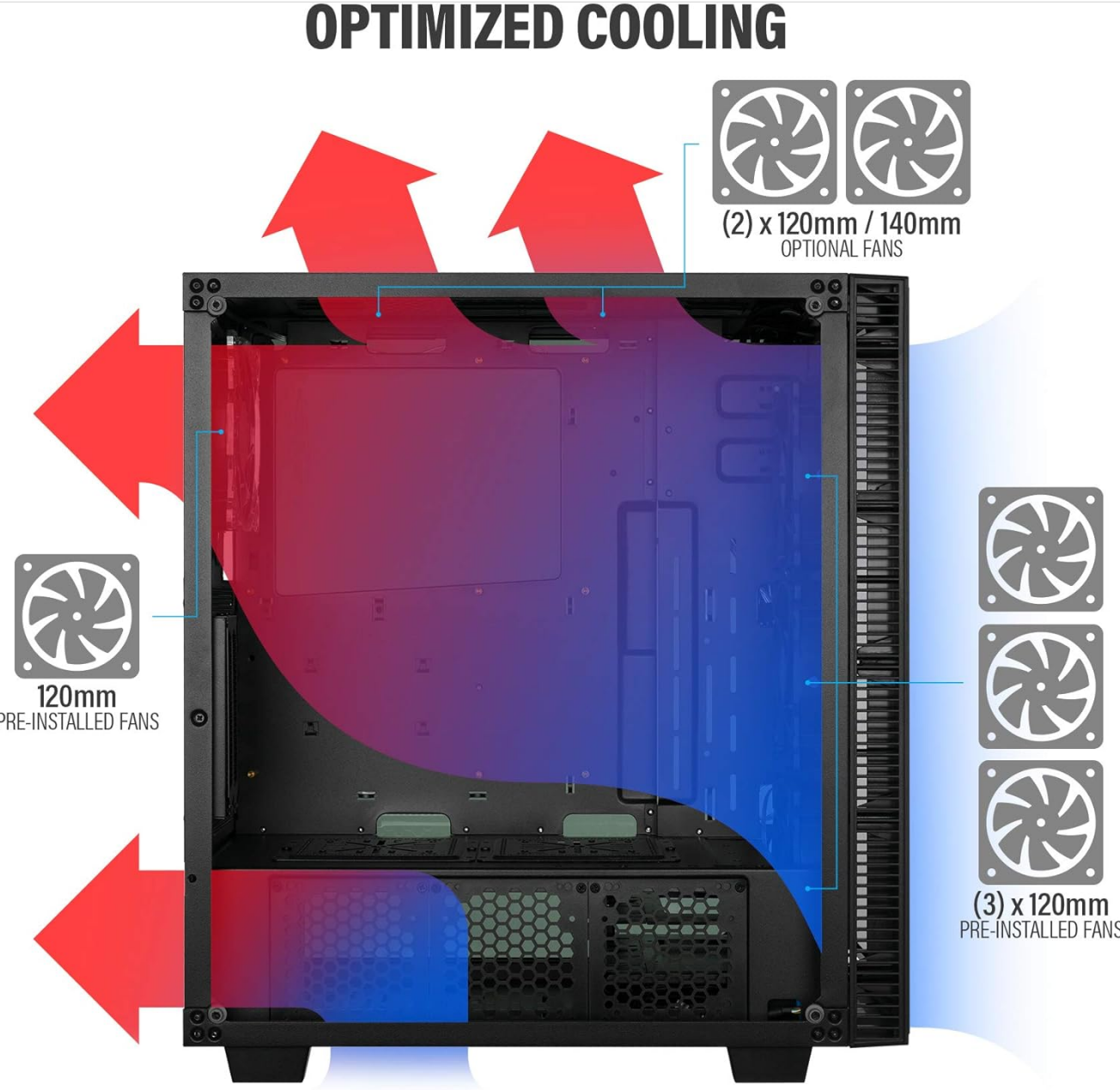


Figure 2: Optimized cooling diagram illustrating airflow paths within the case.

3. Specifications

Category	Specification
Type	ATX Mid Tower

Color	Black / CULLINAN MX Blue
Case Material	Steel / Plastic / Tempered Glass
Motherboard Compatibility	Micro ATX / ATX / Mini-ITX
External 5.25" Drive Bays	No
Internal 3.5" Drive Bays	4 (0)
Internal 2.5" Drive Bays	5 (9)
Expansion Slots	7
Pre-installed Fans	3 x 120mm Blue LED (Front), 1 x 120mm Blue LED (Rear)
Max GPU Length Allowance	360 mm
Max CPU Cooler Height Allowance	170 mm
Dimensions (H x W x D)	18.98" x 8.85" x 17.13"
Weight	20.28 lbs.
I/O Ports	2 x USB 3.0, 2 x USB 2.0, HD Audio In/Out, Fan Speed Control

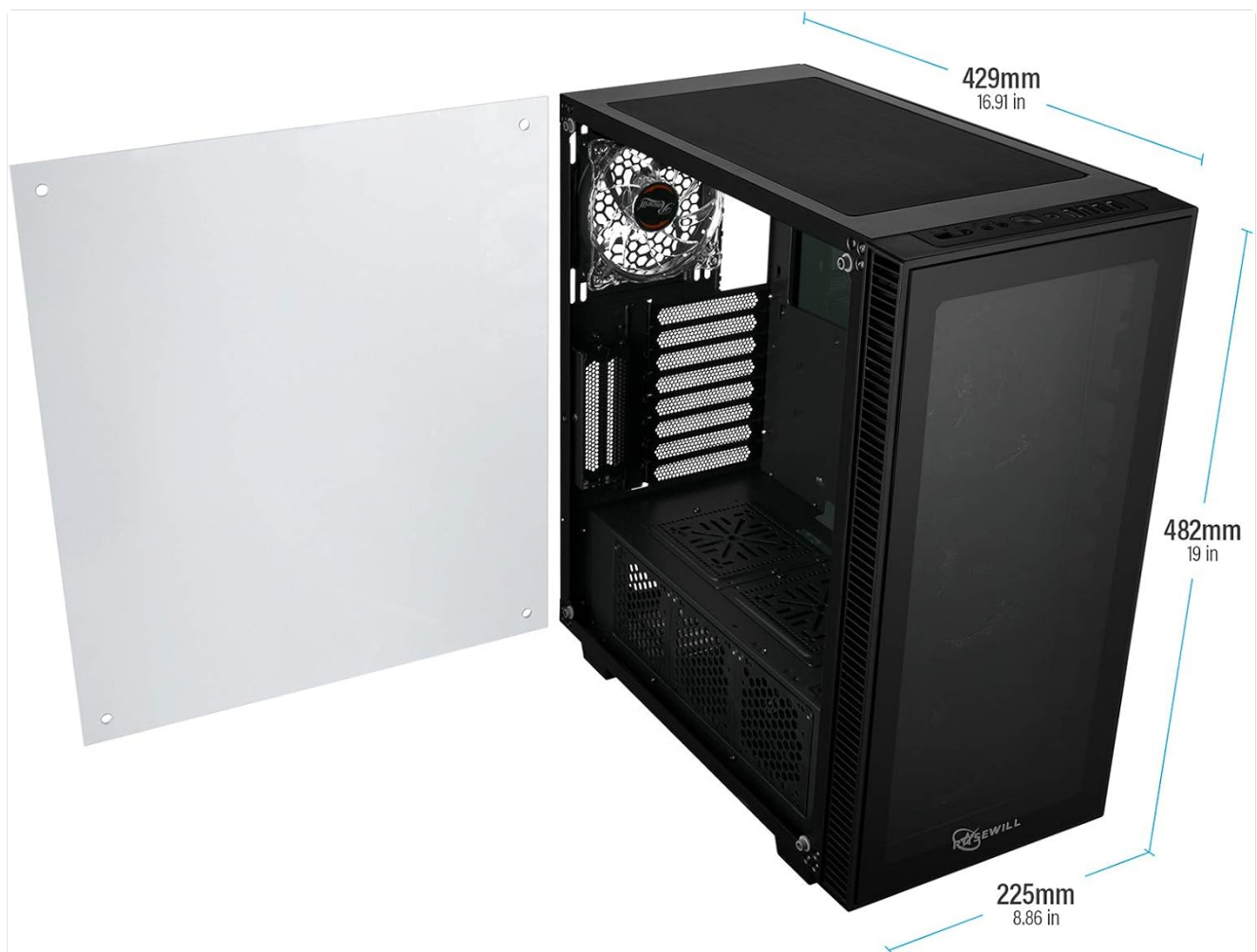


Figure 3: Case dimensions (Height: 482mm/19in, Width: 225mm/8.86in, Depth: 429mm/16.91in).

4. Setup

Follow these steps to set up your Rosewill CULLINAN MX-Blue PC case and install your components:

1. **Unpack and Inspect:** Carefully remove the case from its packaging. Inspect for any damage during shipping.
2. **Remove Side Panels:** Unscrew the large, thick screws on the tempered glass side panels and carefully remove them. Place them on a soft, flat surface to prevent scratches.
3. **Remove Front Panel (for cleaning/access):** The front tempered glass panel can be removed by pulling it firmly from the bottom edge. There is a small gap at the bottom to insert your fingers. This provides access to the front dust filter and pre-installed fans.



Figure 4: Front and rear views of the case, showing panel access points.

4. **Install Motherboard:** Install the necessary standoffs for your motherboard size (Micro ATX, ATX, Mini-ITX). Carefully place your motherboard into the case and secure it with screws.
5. **Install Storage Drives:**
 - *For 3.5" HDDs:* Utilize the pull-out trays located in the PSU shroud basement.
 - *For 2.5" SSDs:* Mount them in the dedicated slots on the back of the motherboard tray.
6. **Install Power Supply (PSU):** Install your power supply unit in the dedicated compartment at the bottom rear of the case. Ensure proper orientation for airflow.

7. **Install Expansion Cards (GPU, etc.):** Remove the necessary expansion slot covers and install your graphics card or other PCIe cards. Secure them with screws.
8. **Cable Management:** Utilize the ample space behind the motherboard tray and the various cutouts for efficient cable routing. This helps improve airflow and aesthetics.



Figure 5: Rear interior view highlighting cable management options.

9. **Connect Front I/O Cables:** Connect the front panel cables (USB 3.0, USB 2.0, HD Audio, Power, Reset, LED) to their corresponding headers on your motherboard. *Note: Ensure your motherboard has an on-board USB 3.0 socket.*
10. **Reattach Panels:** Once all components are installed and cables are managed, carefully reattach the front and side tempered glass panels.

5. Operating

The Rosewill CULLINAN MX-Blue case provides convenient front I/O ports for easy access and control.

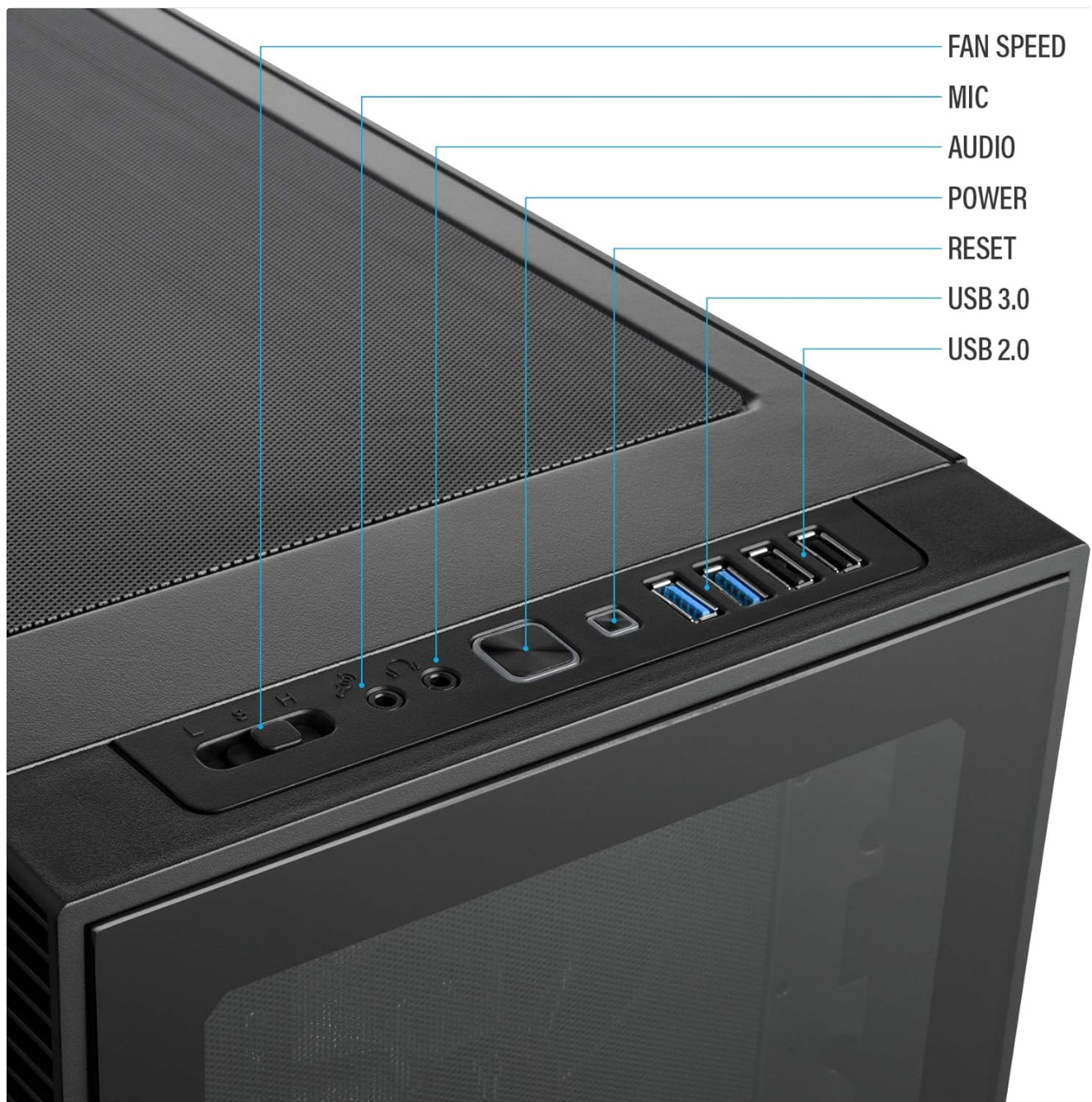


Figure 6: Top I/O panel with labeled ports and controls.

- **Power Button:** Press to turn on or off your computer.
- **Reset Button:** Press to restart your computer.
- **USB 3.0 Ports (x2):** For high-speed data transfer with compatible devices.
- **USB 2.0 Ports (x2):** For standard USB devices.
- **HD Audio In/Out:** Connect your headphones and microphone.
- **Fan Speed Control:** Use the fan speed switch (labeled L-S-H) to adjust the speed of the pre-installed fans. 'L' for Low, 'S' for Standard, 'H' for High. This also controls the fan LED lights.

6. Maintenance

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

- **Dust Filter Cleaning:** The case is equipped with magnetic dust filters on the top and bottom, and a removable filter behind the front panel. Regularly remove and clean these filters to prevent dust buildup inside the case.

- *Top and Bottom Filters*: Easily slide out for cleaning.
- *Front Filter*: Remove the front tempered glass panel (as described in Setup section 4.3) to access the magnetic front filter.
- **Tempered Glass Cleaning**: Use a soft, lint-free cloth and a non-abrasive glass cleaner to clean the tempered glass panels. Avoid harsh chemicals that may damage the surface.
- **Interior Cleaning**: Periodically use compressed air to blow out dust from internal components and fans. Ensure the system is powered off and unplugged before cleaning.

7. Troubleshooting

If you encounter issues with your Rosewill CULLINAN MX-Blue case, consider the following common troubleshooting steps:

- **Fans Not Spinning / LEDs Off**:
 - Check the fan speed control switch on the top I/O panel. Ensure it is not set to 'L' (Low) if you expect full speed or 'S' (Standard) if you expect LEDs to be on (some modes might turn off LEDs).
 - Verify that the pre-installed fans are correctly connected to the fan hub/controller inside the case, and that the fan hub is powered and connected to the motherboard.
- **Front USB Ports Not Working**:
 - Ensure the USB 3.0 and USB 2.0 headers from the front panel are securely connected to the correct ports on your motherboard.
 - Check your motherboard's manual for the correct header locations and ensure your motherboard supports the necessary USB 3.0 socket.
- **No Power / System Not Booting**:
 - Verify that the power button cable from the front panel is correctly connected to the "Power SW" pins on your motherboard's front panel header.
 - Ensure your Power Supply Unit (PSU) is properly installed, connected to all components, and switched on.
 - Confirm all internal components (motherboard, CPU, GPU, RAM) are correctly seated and powered.

For more complex issues, consult your motherboard and component manuals, or contact Rosewill customer support.

8. Warranty and Support

For detailed warranty information and technical support, please refer to the official Rosewill resources:

- **Official User Manual (PDF)**: For comprehensive instructions and diagrams, you can download the official PDF user manual [here](#).
- **Rosewill Support**: Visit the official Rosewill website or their Amazon store for product support, FAQs, and contact information: [Rosewill Store on Amazon](#).