Xigmatek EN42850

Xigmatek Gaming X II E-ATX Mid Tower PC Case Instruction Manual

Model: EN42850

1. Product Overview

The Xigmatek Gaming X II is a high-performance E-ATX mid-tower PC case designed for gaming enthusiasts. It features a stylish mesh front panel for optimal airflow, a tempered glass side panel, and comes equipped with four pre-installed ARGB fans and a control board for customizable lighting. This manual provides detailed instructions for assembly, operation, and maintenance of your PC case.



Image: Front view of the Xigmatek Gaming X II case. This image displays the overall design, featuring its elegant meshed front panel for enhanced airflow and the pre-installed RGB fans.

2. Key Features

- **Stylish Mesh Front Panel:** Designed for maximum air intake and aesthetic appeal.
- **Superior Airflow and Ventilation:** Optimized internal layout and fan support for efficient cooling.
- **Extensive Component Compatibility:** Supports CPU coolers up to 165mm, VGA cards up to 350mm, and PSUs up to 180mm.
- **Motherboard Support:** Compatible with Mini-ITX, Micro-ATX, ATX, and E-ATX motherboards.
- **Integrated ARGB Lighting System:** Includes four Z20A ARGB fans and a PCB control board for synchronized lighting effects.
- **Convenient I/O Ports:** Top-mounted ports including USB 3.0, USB 2.0, and HD Audio.
- **Flexible Storage Options:** Multiple bays for 3.5" HDDs and 2.5" SSDs.

3. Setup and Installation

Before beginning installation, ensure you have all necessary components and tools. Refer to your motherboard and component manuals for specific installation instructions.

3.1 Preparing the Case

1. Carefully unpack the PC case from its packaging.
2. Place the case on a stable, flat surface.
3. Remove the tempered glass side panel by unscrewing the thumb screws and gently pulling it away. Set it aside on a soft, non-abrasive surface to prevent scratches.
4. Remove the opposite metal side panel to access the cable management area.

3.2 Motherboard Installation

Install the I/O shield into the rear opening of the case. Align your motherboard with the standoffs inside the case. Secure the motherboard with screws. Ensure all standoffs are used for proper support.

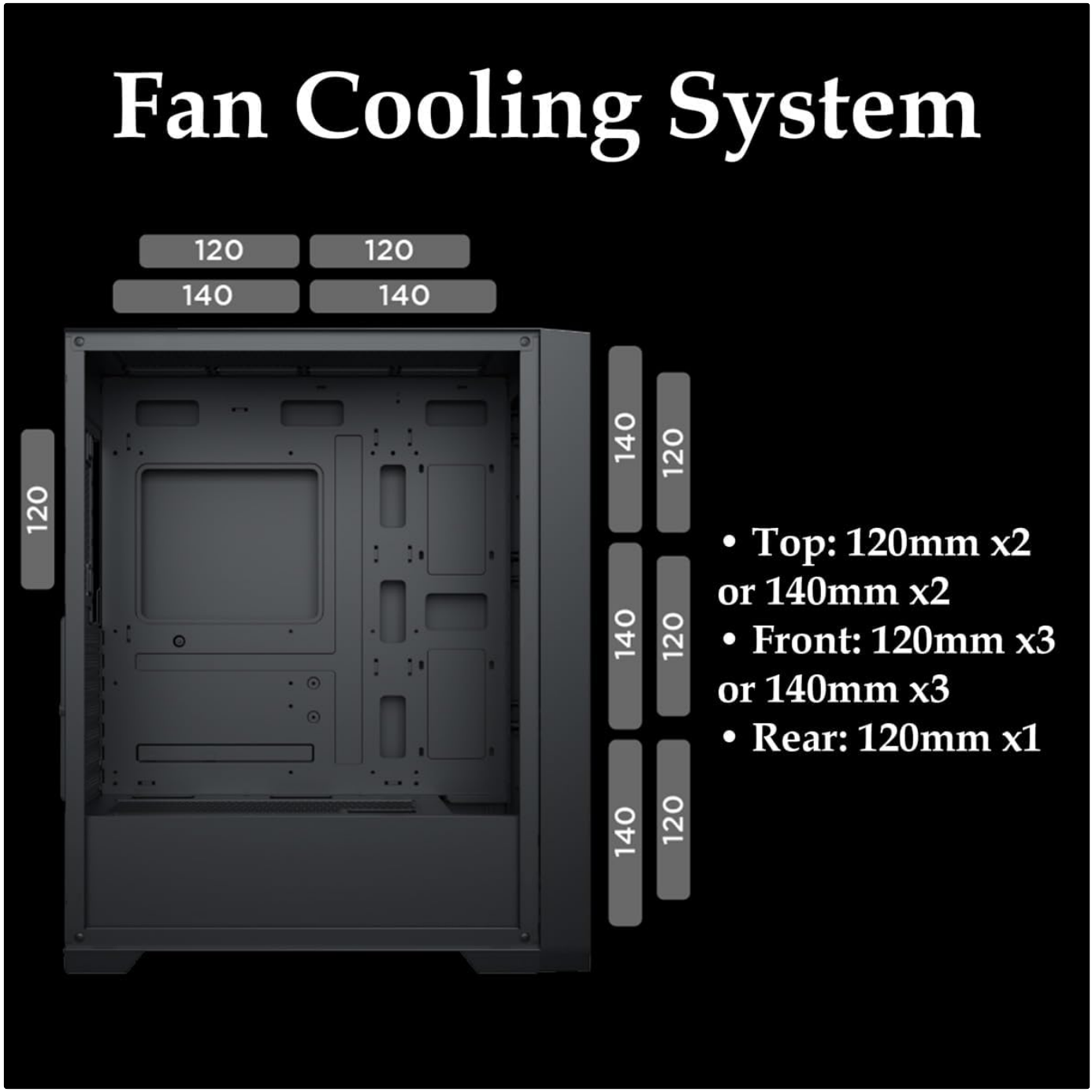


Image: Motherboard support diagram. This diagram illustrates the supported motherboard sizes: Mini-ITX, M-ATX, ATX, and E-ATX.

3.3 Power Supply Unit (PSU) Installation

Install the PSU into its designated compartment at the bottom rear of the case. Secure it with screws from the rear. Ensure the PSU fan faces downwards (if the case has a bottom vent) or upwards for optimal cooling.



Image: Internal component clearance. This image highlights the maximum dimensions for the CPU cooler (165mm), VGA card (350mm), and PSU (180mm) within the case.

3.4 Storage Drive Installation

The case provides bays for both 3.5" HDDs and 2.5" SSDs. Locate the HDD cage at the bottom and the SSD mounting points behind the motherboard tray. Secure your drives using the provided screws or tool-less mechanisms. The case supports 1x 3.5" HDD in the bottom cage, 1x 3.5"/2.5" combo in the top cage, 2x 2.5" SSDs in dedicated bays, and 1x 2.5" SSD on a bracket.

3.5 Cooling System Configuration

The case comes with four pre-installed ARGB fans. Additional fans or liquid cooling radiators can be installed as per the

specifications below.



Image: Fan cooling system layout. This diagram illustrates the supported fan configurations: Top (2x 120mm or 2x 140mm), Front (3x 120mm or 3x 140mm), and Rear (1x 120mm).

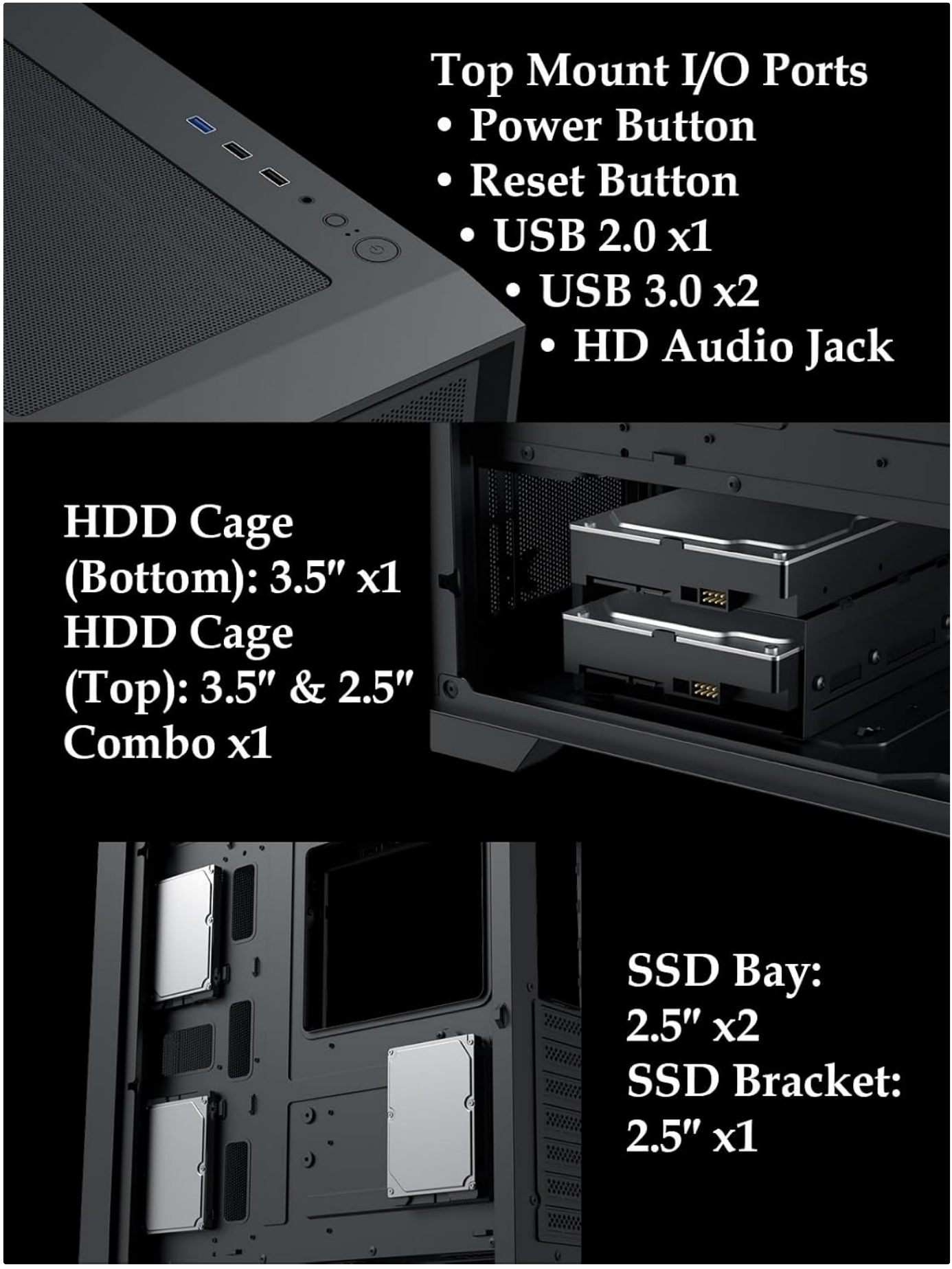


Image: Liquid cooling system layout. This diagram shows supported radiator sizes: Top (240mm), Front (360mm), and Rear (120mm).

4. Operating Instructions

4.1 Powering On/Off

Press the power button located on the top I/O panel to turn on your computer. To turn off, use the operating system's shutdown function or press and hold the power button for several seconds.

4.2 ARGB Lighting Control

The pre-installed ARGB fans are connected to a PCB control board. This board can be controlled via a dedicated button on the case (if available) or synchronized with your motherboard's ARGB software (if compatible). Refer to your motherboard manual for ARGB software instructions.

4.3 Front Panel Connectivity

Utilize the top-mounted USB 3.0, USB 2.0, and HD Audio ports for convenient connection of peripherals and audio devices.

5. Maintenance

5.1 Dust Filter Cleaning

The case is equipped with dust filters to prevent dust buildup inside. Regularly clean these filters (typically located on the front, top, and bottom) by gently removing them and washing with water or brushing off accumulated dust. Ensure filters are completely dry before re-installation.

5.2 General Cleaning

Wipe the exterior of the case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or tempered glass. For the tempered glass panel, use a glass cleaner and a microfiber cloth.

6. Troubleshooting

- **No Power:**
  - Check if the PSU is properly connected to the wall outlet and the power switch on the PSU is in the "ON" position.
  - Verify that the front panel power button cable is correctly connected to the motherboard's front panel header.
  - Ensure all power cables from the PSU are securely connected to the motherboard and other components.
- **Fans Not Spinning / ARGB Not Working:**
  - Check if the fan power cables are correctly connected to the fan headers on the motherboard or the ARGB control board.
  - Ensure the ARGB control board is receiving power and is properly connected to the motherboard's ARGB header (if using software control).
  - Consult your motherboard manual for ARGB header locations and software configuration.
- **Poor Airflow / Overheating:**
  - Clean all dust filters and fans.
  - Ensure fans are installed in the correct orientation (intake/exhaust) for optimal airflow.
  - Verify that there are no obstructions blocking airflow inside or outside the case.

7. Specifications

Feature	Detail

Model Name	Gaming X II
Model Number	EN42850
Case Type	E-ATX Mid Tower
Dimensions (L x W x H)	Approximately 52.4 x 47 x 27.2 cm (Shipping dimensions)
Weight	Approximately 5.6 kg (Shipping weight)
Motherboard Support	E-ATX, ATX, Micro-ATX, Mini-ITX
CPU Cooler Clearance	Up to 165mm
VGA Card Length Limit	Up to 350mm
PSU Length Limit	Up to 180mm
Pre-installed Fans	4x ARGB Fans (Z20A)
Front I/O Ports	Power Button, Reset Button, USB 2.0 x2, USB 3.0 x1, HD Audio Jack
Drive Bays	1x 3.5" HDD (bottom cage), 1x 3.5"/2.5" Combo (top cage), 2x 2.5" SSD (bays), 1x 2.5" SSD (bracket)

8. Warranty and Support

For warranty information and technical support, please refer to the official Xigmatek website or contact your local retailer. Keep your proof of purchase for warranty claims.

Official Xigmatek Website: www.xigmatek.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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