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Zalman Chronix ATX Gaming PC Case and 700W 80 Plus Bronze PSU User Manual

1. INTRODUCTION

Welcome to the user manual for your new Zalman Chronix ATX Gaming PC Case and Zalman 700W 80 Plus Bronze Power Supply. This guide provides essential information for the proper installation, operation, and maintenance of your product. Please read this manual thoroughly before beginning assembly to ensure a safe and successful build.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to your components:

- Disconnect the power supply from the electrical outlet before installing or removing any components.
- Ensure proper grounding to prevent electrostatic discharge (ESD), which can damage sensitive electronic components. Use an anti-static wrist strap or touch a grounded metal object before handling components.
- Do not open the power supply unit. High voltages inside can cause severe injury or death. There are no user-serviceable parts inside.
- Keep all components and packaging materials away from children and pets.
- Avoid installing the PC case or power supply in areas with high humidity, extreme temperatures, or excessive dust.
- Use only the provided screws and accessories for installation to prevent damage.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Zalman Chronix ATX Gaming PC Case
- Zalman 700W 80 Plus Bronze Power Supply Unit (PSU)
- PSU Power Cable
- Accessory Box (containing screws, standoffs, zip ties, etc.)

- User Manual (this document)

4. PRODUCT OVERVIEW

4.1. Zalman Chronix ATX Gaming PC Case

The Zalman Chronix ATX Gaming PC Case features a panoramic tempered glass design, offering a clear view of your internal components. It is designed for optimal airflow and compatibility with high-performance hardware.



Image: Overall view of the Zalman Chronix ATX Gaming PC Case bundled with the 700W Power Supply.

Key Features:

- **Panoramic Tempered Glass:** Front and side panels for aesthetic display.
- **Optimized Airflow:** Includes 3 pre-installed Prism ARGB fans (2 reverse blade for side intake, 1 standard blade for rear exhaust).
- **Spacious Interior:** Supports graphics cards up to 410mm and CPU coolers up to 165mm.
- **Motherboard Compatibility:** Supports Mini-ITX, Micro ATX, and ATX motherboards.

- **AIO Support:** Accommodates up to 360mm All-in-One liquid coolers.

CHRONIX



ATX MID-TOWER

- 3 x Prism ARGB fans
- Supports 360mm AIO
- GPU length: 410mm max
- 7 PCI expansion slots
- USB Type-C 3.2

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Image: Diagram highlighting key features of the Chronix ATX Mid-Tower case, including fan configuration, AIO support, GPU length, PCI slots, and USB Type-C 3.2.

Front Panel I/O:

The front panel provides convenient access to essential ports and controls:

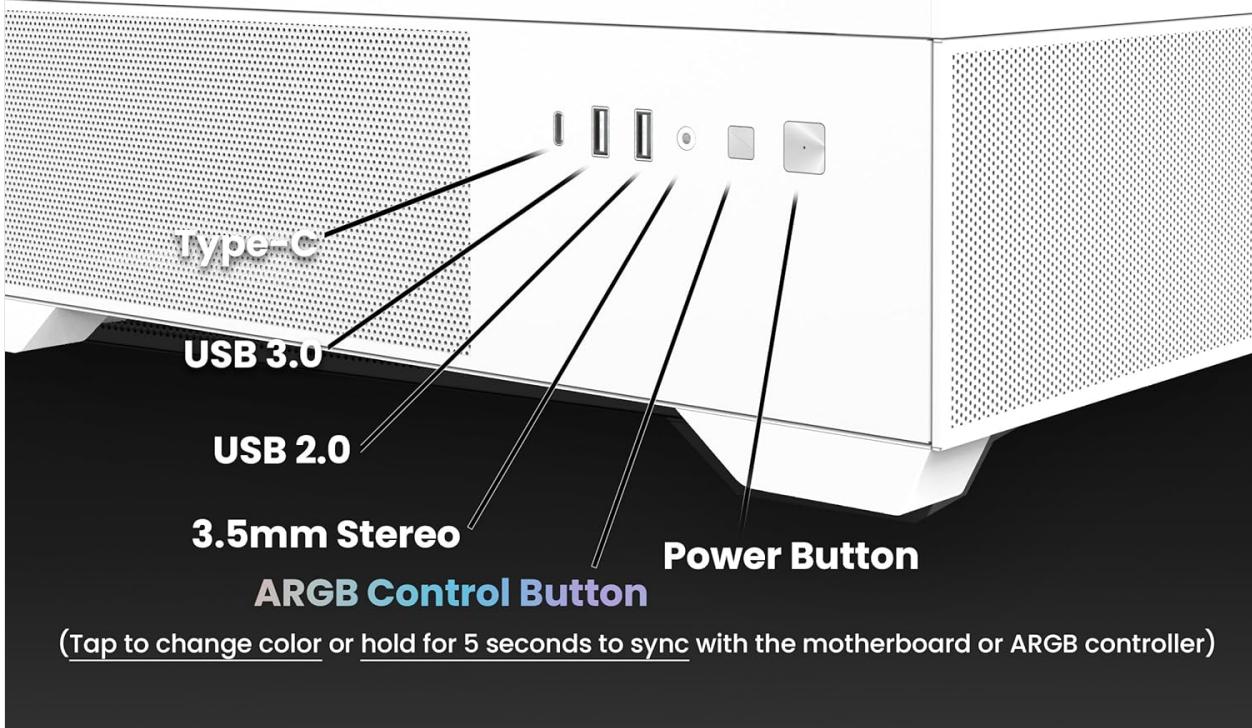
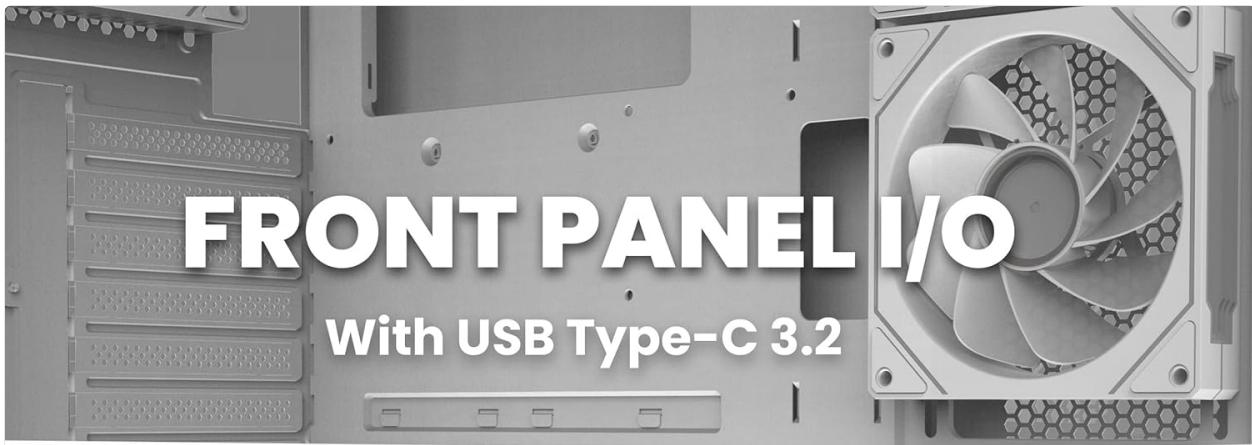


Image: Detailed view of the Zalman Chronix front panel I/O, showing the location of USB Type-C, USB 3.0, USB 2.0, 3.5mm Stereo, Power Button, and ARGB Control Button.

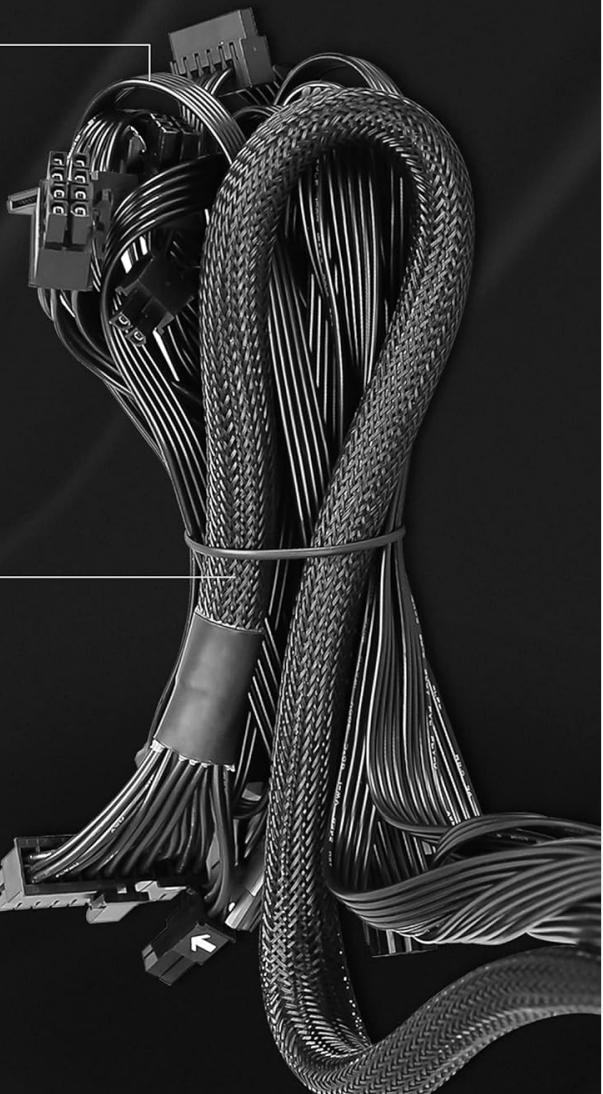
- **USB Type-C 3.2:** 1 port for high-speed data transfer.
- **USB 3.0:** 2 ports for fast data transfer.
- **USB 2.0:** 1 port for general peripherals.
- **3.5mm Stereo:** Audio input/output jack.
- **Power Button:** To power on/off the system.
- **ARGB Control Button:** Tap to change ARGB color, or hold for 5 seconds to sync with the motherboard or ARGB controller.

4.2. Zalman 700W 80 Plus Bronze Power Supply

The Zalman 700W 80 Plus Bronze Power Supply provides reliable and efficient power to your system. Its 80 Plus Bronze certification ensures up to 87% efficiency at 100% load (115-240AC).

All black and flat cables

By applying clean and organized all black colored flat cables, it helps cable arrangement during system installation.



Convenient sleeving cables

Users can install the system easily by delicately processed sleeving cables.



Image: Top-down view of the Zalman 700W 80 Plus Bronze Power Supply, highlighting its fan grill and branding.

Key Features:

- **700W Output:** Sufficient power for most gaming systems.
- **80 Plus Bronze Certified:** High energy efficiency, reducing heat and power consumption.
- **Stable Output:** Equipped with 105° capacitors for consistent stability.
- **Flat Cables:** All black and flat cables for easier cable management and improved aesthetics.

80 PLUS BRONZE POWER SUPPLY

Superior Efficiency & Energy Savings



Image: Close-up view of the Zalman PSU's flat, black, sleeved cables, designed for clean cable arrangement and easy installation.

Cable Connectors and Lengths:

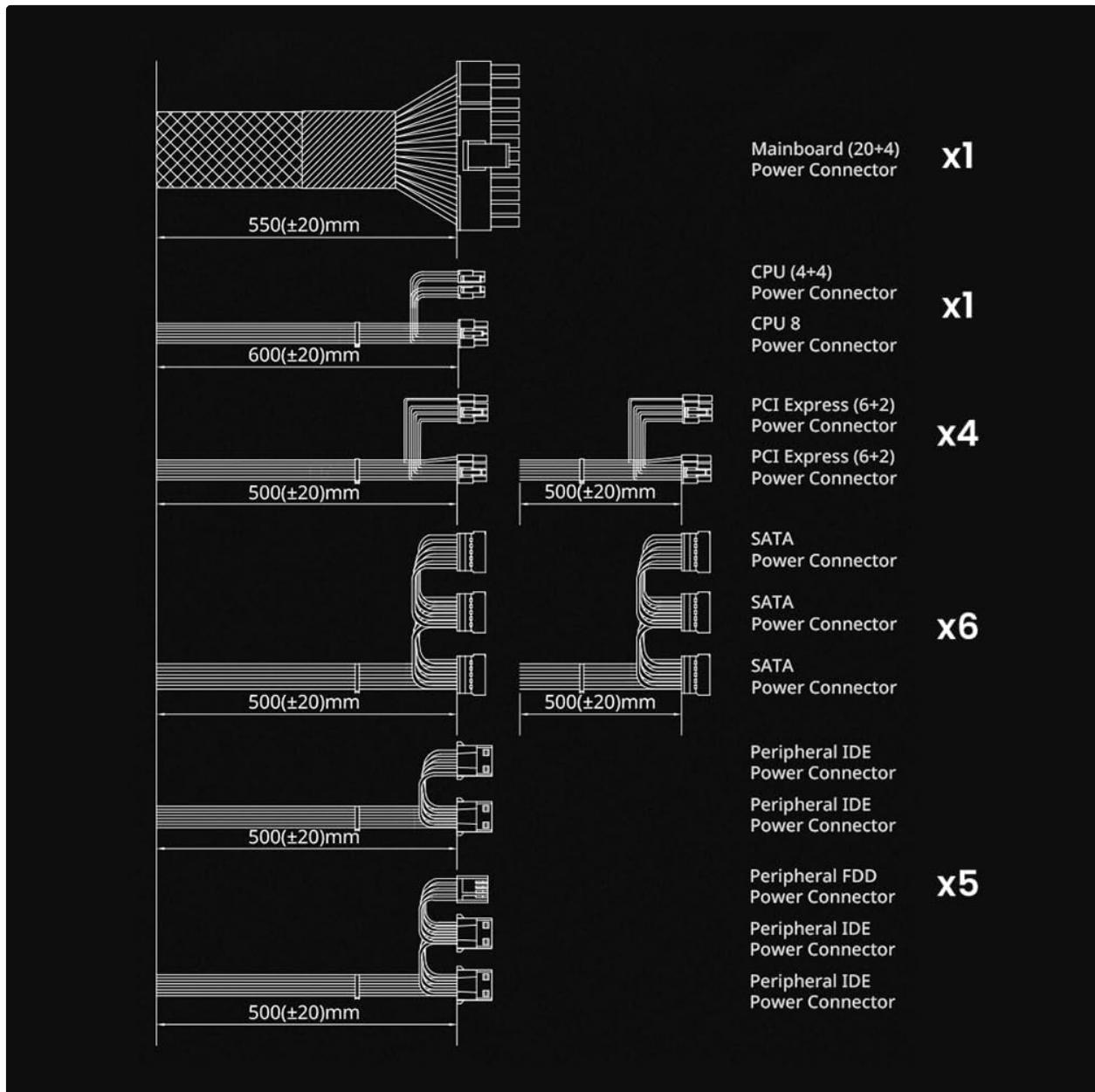


Image: Diagram illustrating the types, quantities, and approximate lengths of the power connectors included with the Zalman 700W PSU.

- **Mainboard (20+4) Power Connector:** x1 (approx. 550mm)
- **CPU (4+4) Power Connector:** x1 (approx. 600mm)
- **PCI Express (6+2) Power Connector:** x4 (approx. 500mm each)
- **SATA Power Connector:** x6 (on multiple cables, approx. 500mm each)
- **Peripheral IDE Power Connector:** x5 (on multiple cables, approx. 500mm each)
- **Peripheral FDD Power Connector:** x1 (approx. 500mm)

5. SETUP AND INSTALLATION

Follow these steps for assembling your PC components within the Zalman Chronix case and installing the power supply.

5.1. Case Preparation

1. Place the case on a stable, flat surface.
2. Carefully remove the tempered glass side panel(s) by unscrewing the thumb screws at the rear of the

case and gently pulling the panel away. Set them aside in a safe place to prevent damage.

5.2. Power Supply Installation

1. Locate the PSU mounting area at the bottom rear of the case.
2. Slide the Zalman 700W PSU into the designated bay, ensuring the fan faces downwards (if there's a bottom vent) or upwards (if no bottom vent).
3. Secure the PSU to the case using the provided screws from the accessory box.

5.3. Motherboard Installation

1. Install the I/O shield (if applicable) into the rear opening of the case.
2. Ensure the correct standoffs are installed for your motherboard form factor (Mini-ITX, Micro ATX, or ATX). The Chronix case supports these sizes.
3. Carefully place your motherboard onto the standoffs, aligning the screw holes.
4. Secure the motherboard with the appropriate screws. Do not overtighten.



Image: Diagram illustrating the internal layout of the Zalman Chronix case, showing compatibility for various motherboard sizes (Mini-ITX, Micro ATX, ATX), maximum GPU length (410mm), and AIO cooler support (up to 360mm).

5.4. Component Installation (CPU, RAM, GPU, Storage)

Install your CPU, RAM, graphics card, and storage drives according to their respective manuals and motherboard instructions. Ensure all components are seated correctly and secured.

5.5. Cable Management

1. Connect all necessary power cables from the PSU to your motherboard and components (CPU, GPU, storage drives, case fans, front panel I/O).
2. Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables. The flat design of the PSU cables aids in this process.
3. Connect the front panel I/O cables (USB, audio, power switch, reset switch, ARGB) to the corresponding headers on your motherboard. Refer to your motherboard manual for header locations.
4. Ensure no cables obstruct fan blades or airflow paths.

6. OPERATING INSTRUCTIONS

6.1. Initial Power On

1. Before powering on, double-check all connections to ensure they are secure.
2. Connect the PSU power cable to the power supply and then to a wall outlet.
3. Flip the power switch on the PSU to the 'ON' position.
4. Press the power button on the front panel of the case to start your system.

6.2. Front Panel I/O Usage

- **USB Ports:** Use the USB Type-C 3.2, USB 3.0, and USB 2.0 ports for connecting peripherals such as keyboards, mice, external drives, and other USB devices.
- **3.5mm Stereo Jack:** Connect your headphones or speakers to this port for audio output, or a microphone for audio input.

6.3. ARGB Control

The Zalman Chronix case includes pre-installed ARGB fans. You can control their lighting effects:



Vibrant ARGB Lighting Effect

- Dimensions : 120 x 120 x 25(T)mm
- Rated Voltage : DC 12V
- Max. Fan Speed : 1,200 ± 10%
- Max. Fan Noise Level: 22.5dB(A)
- Bearing Type : Sleeve Bearing

7. MAINTENANCE

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

- **Dust Cleaning:** Periodically clean dust filters and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Exterior Cleaning:** Wipe the exterior surfaces of the case with a soft, damp cloth. Avoid harsh chemicals.
- **Fan Cleaning:** Gently clean dust from fan blades to maintain efficient cooling.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting tips:

- **No Power:** Ensure the PSU power cable is securely connected to both the PSU and the wall outlet. Check that the PSU's main power switch is in the 'ON' position. Verify all internal power connections (24-pin motherboard, 8-pin CPU, GPU power).
- **No Display:** Confirm that your monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics). Reseat the graphics card and RAM modules.
- **Fans Not Spinning/ARGB Not Working:** Check that all fan power cables and ARGB cables are correctly connected to the motherboard or ARGB controller. If using motherboard sync, ensure the software is correctly configured.
- **System Instability:** Ensure all components are properly seated. Check for overheating using monitoring software. Verify PSU connections.

For more complex issues, consult your motherboard manual or contact Zalman customer support.

9. SPECIFICATIONS

9.1. Zalman Chronix ATX Gaming PC Case

Form Factor	ATX Mid-Tower
Motherboard Support	Mini-ITX, Micro ATX, ATX
Pre-installed Fans	3 x Prism ARGB (2 reverse blade side intake, 1 standard blade rear exhaust)
AIO Cooler Support	Up to 360mm
Max GPU Length	410mm
Max CPU Cooler Height	165mm
PCI Expansion Slots	7
Front I/O Ports	1x USB Type-C 3.2, 2x USB 3.0, 1x USB 2.0, 1x 3.5mm Stereo, Power Button, ARGB Control Button

9.2. Zalman 700W 80 Plus Bronze Power Supply

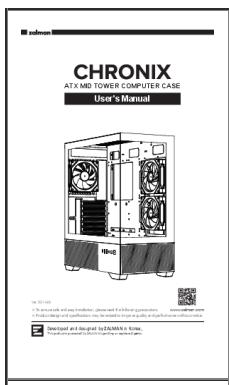
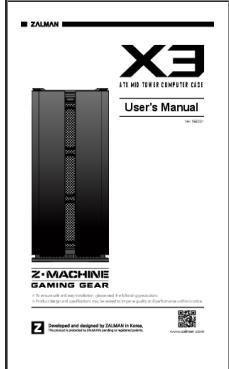
Wattage	700W
Efficiency Certification	80 Plus Bronze (up to 87% efficiency)
Capacitors	105° rated
Cable Type	Flat, black sleeved cables
Connectors	1x Mainboard (20+4), 1x CPU (4+4), 4x PCI Express (6+2), 6x SATA, 5x Peripheral IDE, 1x Peripheral FDD

10. WARRANTY AND SUPPORT

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

You can visit the Zalman store for additional product information and support:[Zalman Official Store](#)

Related Documents - Chronix

 The image shows the front cover of the Zalman CHRONIX ATX Mid Tower Computer Case User's Manual. It features the Zalman logo at the top, followed by the product name 'CHRONIX' in large letters, 'ATX MID TOWER COMPUTER CASE' in smaller letters, and 'User's Manual' at the bottom. The cover also includes a QR code and a small note at the bottom right.	<p>Zalman CHRONIX ATX Mid Tower Computer Case User's Manual User's manual for the Zalman CHRONIX ATX Mid Tower Computer Case, providing installation precautions, specifications, and component details.</p>
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 <p>X3 ATX MID TOWER COMPUTER CASE User's Manual Ver. 021422</p> <p>Z+MACHINE GAMING GEAR To ensure safe and easy installation, please read the following precautions. Product design and specifications may be revised to improve quality and performance without notice.</p> <p>Developed and designed by ZALMAN in Korea. This product is granted by ZALMAN's patent or trademark. All rights reserved. ZALMAN is a registered trademark of ZALMAN Co., Ltd.</p>	<p>Zalman X3 ATX Mid-Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman X3 ATX Mid-Tower computer case. Details installation steps, technical specifications, accessories, I/O ports, RGB LED controller, fan specs, and warranty information for PC builders.</p>
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 <p>i3 NEO TG ATX MID TOWER COMPUTER CASE User's Manual Ver. 021422</p> <p>Developed and designed by ZALMAN in Korea. This product is granted by ZALMAN's patent or trademark. All rights reserved. ZALMAN is a registered trademark of ZALMAN Co., Ltd.</p>	<p>Zalman i3 Neo TG ATX PC Case User Manual</p> <p>Comprehensive user manual for the Zalman i3 Neo TG ATX PC Case. This guide details specifications, features, and installation instructions for the white tempered glass chassis equipped with RGB lighting, multiple drive bays, and front USB 3.0 connectivity.</p>

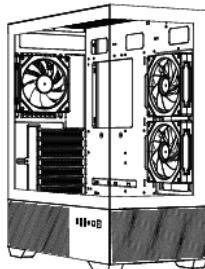
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ATX MID TOWER COMPUTER CASE

User's Manual



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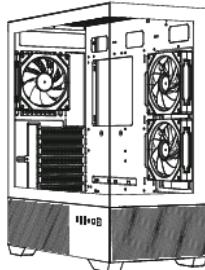
User's manual for the Zalman CHRONIX ATX Mid Tower Computer Case, providing installation precautions, specifications, and component details.

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ATX MID TOWER COMPUTER CASE User s Manual Ver. 021425 To ensure safe

and easy installation, pleas ... ide Rear Bottom Fan s Included Side Rear Top

Radiator Support *Side Rear I/O Ports 436mm **CHRONIX** ATX Mid-Tower 436 x 215 x

487 H mm 6.1kg Steel, Tempered Glass, Plastic ATX / mATX / Mini-I...

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