

BITFENIX BFC-CET-200-WWGSW-3A

BitFenix CETO Basic High Airflow PC Gaming Case User Manual

Model: BFC-CET-200-WWGSW-3A

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BitFenix CETO Basic High Airflow PC Gaming Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance.

The BitFenix CETO Basic is designed for high airflow and features panoramic tempered glass, three pre-installed Infinity Mirroring ARGB fans (two reverse, one positive), and extensive compatibility for modern PC components.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- BitFenix CETO Basic PC Gaming Case
- 3 x 120mm Infinity Mirroring ARGB Fans (2x Reverse, 1x Positive)
- 1 x 8+8 Pin ARGB/Fan Controller
- Accessory Box (screws, zip ties, standoffs, etc.)
- User Manual (this document)



Figure 1: Included components, showing the PC case, three 120mm ARGB fans, and the 8+8 pin controller for fan and lighting management.

SPECIFICATIONS

Feature	Detail
Model Name	BitFenix CETO Basic High Airflow PC Gaming Case White
Model Number	BFC-CET-200-WWGSW-3A
Case Type	Mid-Tower
Motherboard Support	ATX, Micro-ATX, Mini-ITX
Pre-installed Fans	3 x 120mm Infinity Mirroring ARGB (2x Reverse, 1x Positive)
Radiator Support (Top)	360mm / 280mm / 240mm (thickness up to 27mm)
Radiator Support (Rear)	120mm

GPU Clearance	Up to 390mm
CPU Cooler Height	Up to 165mm
PSU Length	Up to 200mm (Bottom Mount)
Drive Bays	3.5" Drive Bay: 2+1, 2.5" Drive Bay: 2+1
Cable Management Space	20mm
I/O Panel	1 x Type-C, 2 x USB 3.0, LED/Reset Button, Power Button
Dust Filters	Magnetic (Top, Bottom, Right Steel Panel)
Dimensions (L x W x H)	424mm x 215mm x 486mm
Weight	6 kg








424mm / 16.69inch

215mm / 8.46inch

486mm / 19.1inch





8+8 CONTROLLER



X2
Reverse



X1
Positive

CETO BASIC

Figure 2: External dimensions and internal component layout overview.

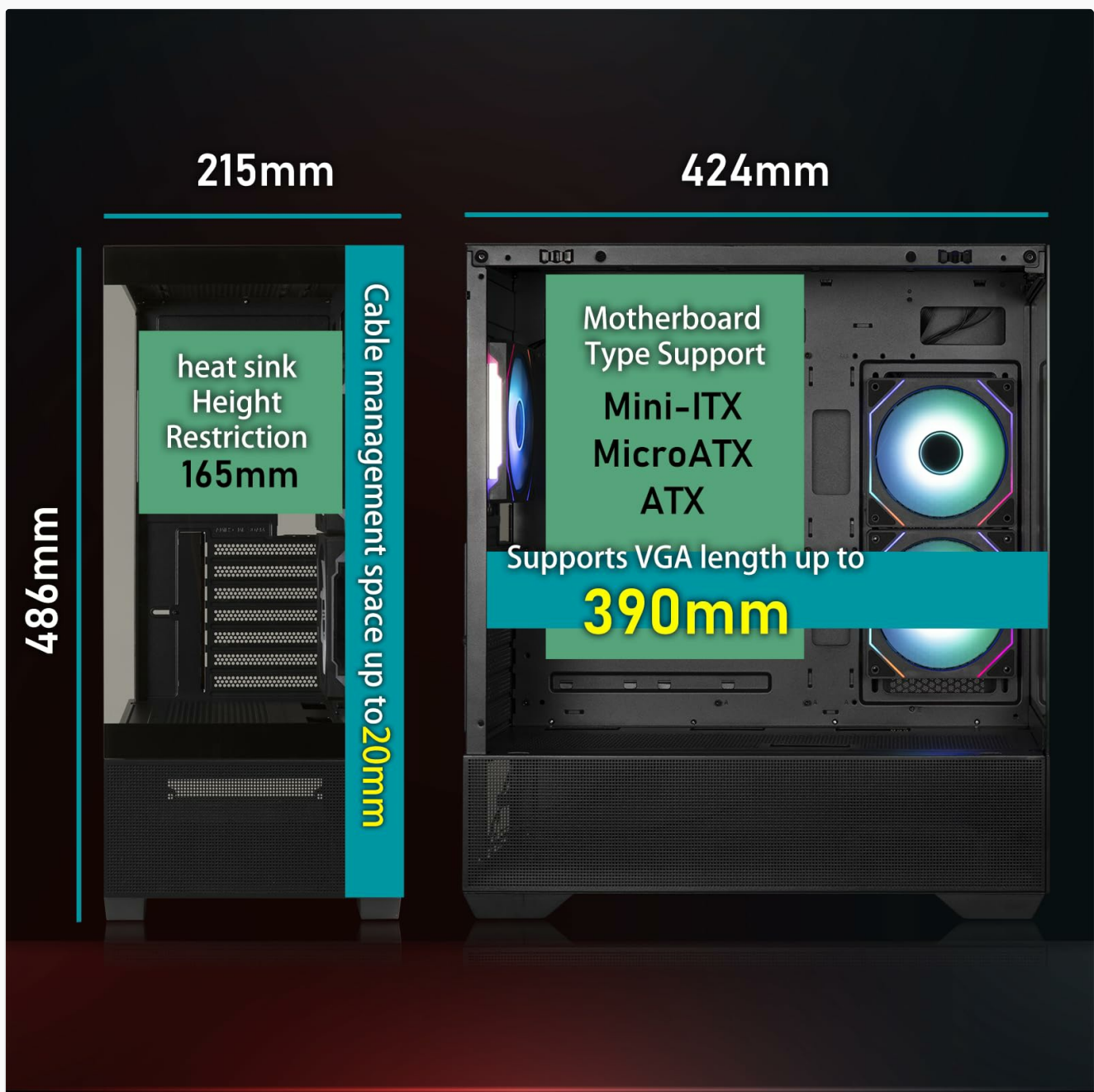


Figure 3: Detailed internal clearances for CPU coolers, graphics cards, and cable management.

SETUP AND INSTALLATION

1. Preparing the Case

Carefully remove the case from its packaging. Place it on a stable, flat surface. The tempered glass side panel can be removed for easier access during component installation. The case features snap-on panels for tool-free removal.



Figure 4: Removing the side panel. Always handle tempered glass with care, using both hands.

2. Motherboard Installation

Install the necessary standoffs for your motherboard form factor (ATX, Micro-ATX, or Mini-ITX). Carefully place your motherboard into the case, aligning it with the standoffs and I/O shield opening. Secure the motherboard with screws.

3. Power Supply Unit (PSU) Installation

The BitFenix CETO Basic supports ATX power supplies up to 200mm in length, mounted at the bottom of the case. Slide the PSU into its designated bay and secure it with screws from the rear of the case.

4. Storage Device Installation

The case supports 2+1 3.5" drive bays and 2+1 2.5" drive bays. Install your HDDs and SSDs into the appropriate trays or mounting points and secure them.

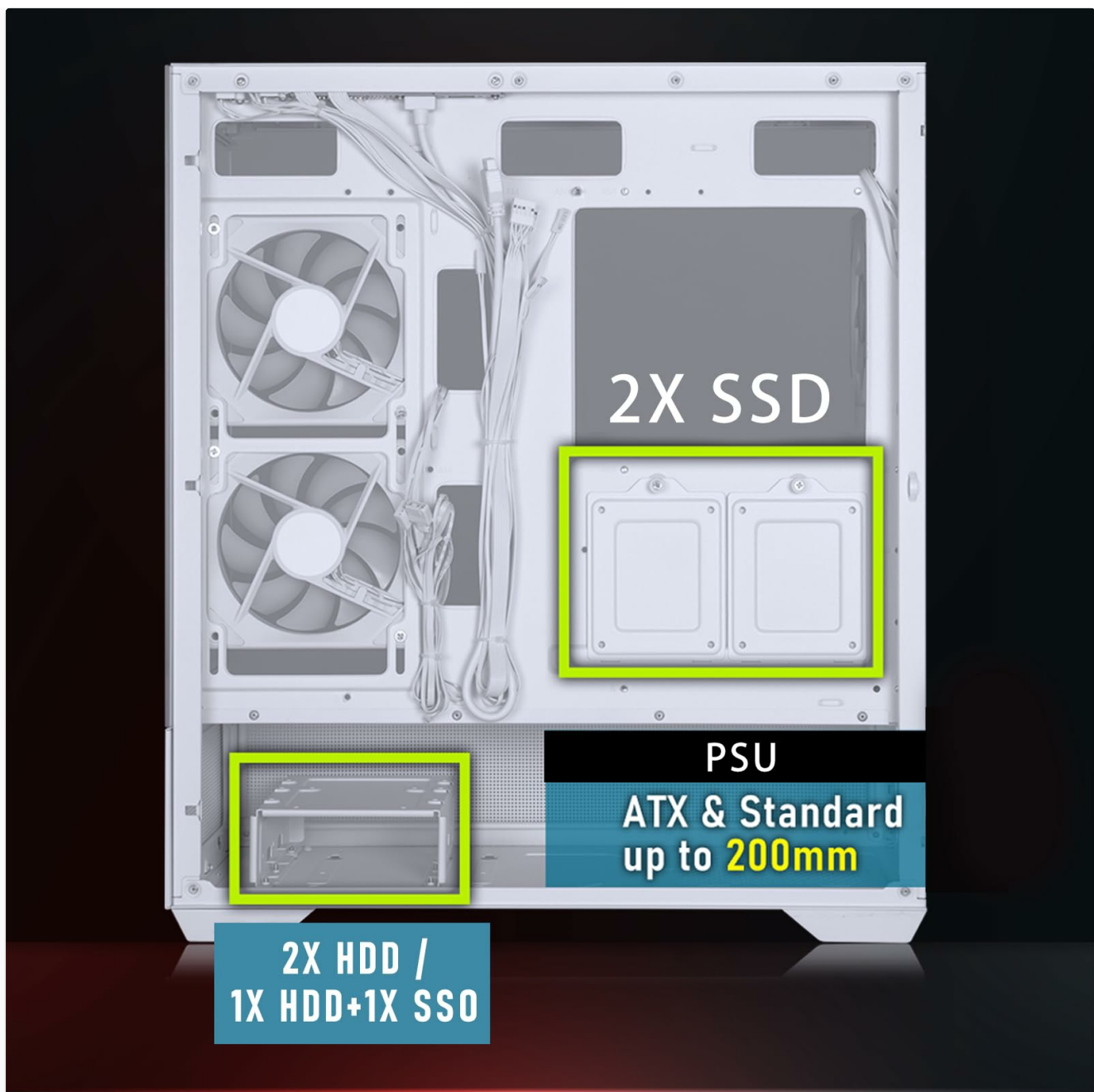


Figure 5: Storage drive bay locations and PSU mounting area.

5. Graphics Card (GPU) Installation

The case accommodates GPUs up to 390mm in length. Install your graphics card into the appropriate PCIe slot on your motherboard and secure it with the retention mechanism or screws.

6. Cooling System Installation (Fans & Radiators)

The case comes with three 120mm Infinity Mirroring ARGB fans pre-installed for enhanced airflow. The top panel supports radiators up to 360mm/280mm/240mm (max thickness 27mm), and the rear supports a 120mm radiator.



Figure 6: Radiator and fan mounting options within the case.

7. Cable Management

Utilize the 20mm cable management space behind the motherboard tray to route and secure cables. This improves airflow and aesthetics. Connect all necessary power cables from the PSU to your components and the front panel I/O cables to your motherboard.

The pre-installed ARGB fans connect to the included 8+8 Pin controller. Connect this controller to your power supply via SATA and to your motherboard's ARGB header (if available) for software control, or use the case's LED/Reset button for manual control.

OPERATING THE CASE FEATURES

Front I/O Panel

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

- **1 x Type-C Port:** For modern USB-C devices.
- **2 x USB 3.0 Ports:** For high-speed USB devices.

- **LED/Reset Button:** Controls ARGB lighting modes or functions as a system reset button depending on motherboard connection.
- **Power Button:** To power on/off your system.



Figure 7: Front I/O panel layout and dust filter locations.

ARGB Lighting Control

The pre-installed Infinity Mirroring ARGB fans offer striking visual effects. Control their lighting via the included 8+8 Pin controller. If your motherboard supports ARGB synchronization (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync, Biostar RGB Sync), connect the controller to the motherboard's 3-pin ARGB header to manage lighting through software. Otherwise, use the case's LED/Reset button to cycle through pre-set lighting modes.



Figure 8: The BitFenix CETO Basic case with its illuminated ARGB fans, highlighting the aesthetic design.

AIRFLOW OPTIMIZATION



Figure 9: Airflow optimization within the case, demonstrating the path of cool air intake and hot air exhaust for efficient cooling.

MAINTENANCE

Dust Filter Cleaning

The BitFenix CETO Basic case is equipped with magnetic dust filters on the top, bottom, and right steel panel. Regularly clean these filters to maintain optimal airflow and prevent dust buildup inside your system.

1. Gently remove the magnetic dust filters from their respective locations.
2. Clean the filters using compressed air, a soft brush, or by rinsing with water (ensure they are completely dry before reattaching).
3. Reattach the magnetic filters to the case.

EASY CLEAN WITH REMOVABLE DUST FILTER

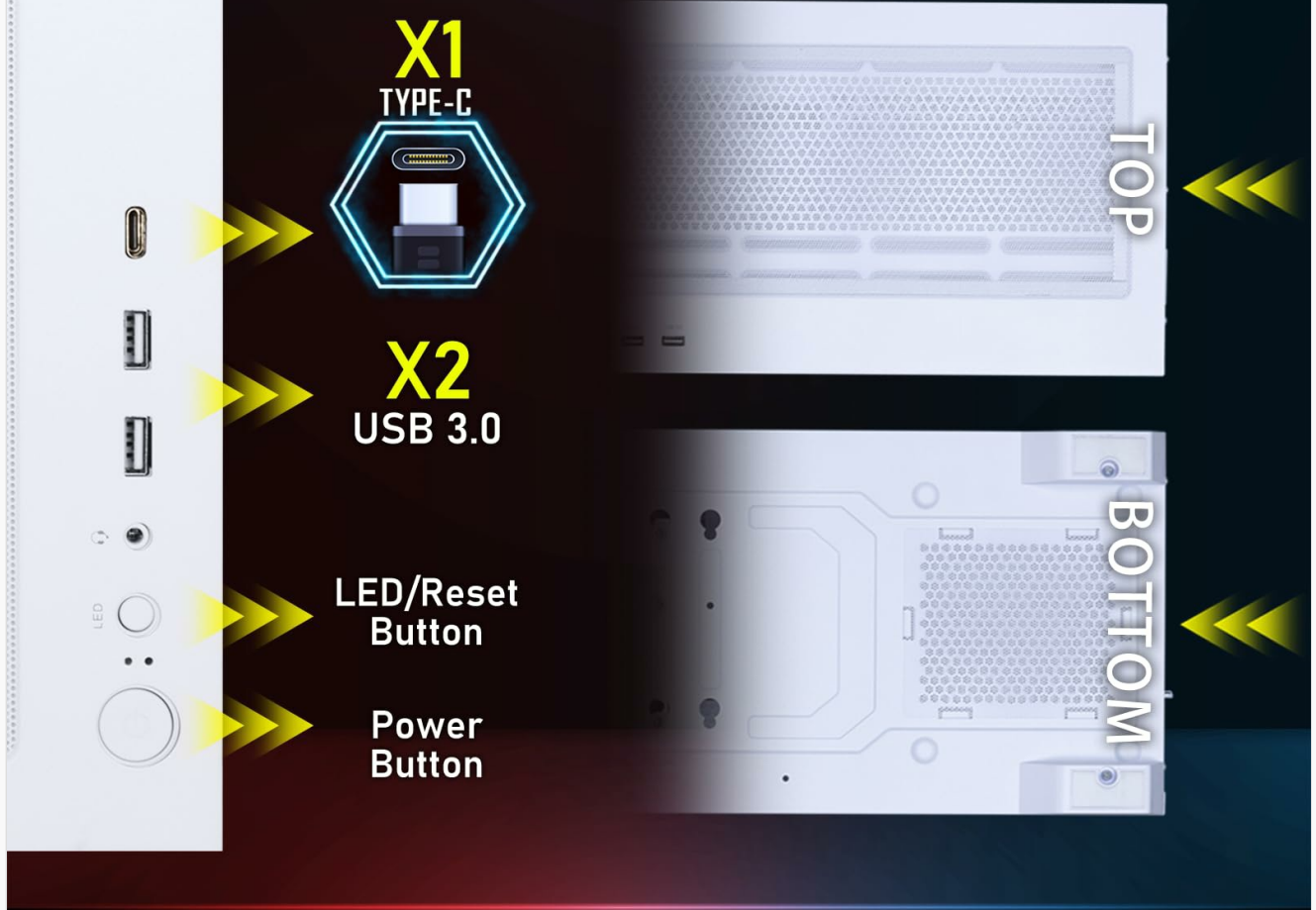


Figure 10: Locations of removable magnetic dust filters for easy maintenance.

General Cleaning

Wipe down 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.

TROUBLESHOOTING

System Not Powering On

- Ensure the power supply is properly connected to the wall outlet and the PSU switch is in the 'ON' position.
- Verify that the 24-pin ATX power cable and the CPU power cable are securely connected to the motherboard.
- Check that the front panel power switch cable is correctly connected to the motherboard's front panel header. Refer to your motherboard manual for the correct pinout.

Fans Not Spinning or ARGB Not Lighting Up

- Ensure the 8+8 Pin ARGB/Fan controller is receiving power via its SATA power connector from the PSU.

- Verify that the fans are correctly connected to the controller.
- If using motherboard software control, ensure the controller's ARGB cable is connected to the motherboard's 3-pin ARGB header and the software is installed and configured correctly.
- If using the case's LED/Reset button for control, ensure the button's cable is connected to the controller.

Poor Airflow or High Temperatures

- Clean the magnetic dust filters regularly as described in the Maintenance section.
- Ensure all fans are spinning in the correct direction for optimal airflow (intake from front/bottom, exhaust from top/rear). The BitFenix CETO Basic includes both positive and reverse fans for optimized airflow.
- Check for proper cable management to avoid obstructing airflow paths.
- Verify that CPU cooler and GPU fans are functioning correctly.

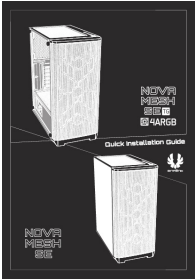

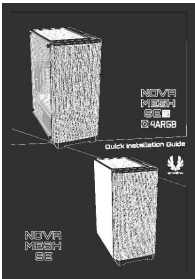
WARRANTY AND SUPPORT


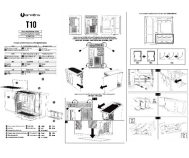

For warranty information and technical support, please refer to the official BitFenix website or contact your local retailer. Keep your proof of purchase for warranty claims.

Manufacturer: BITFENIX
Model: BFC-CET-200-WWGSW-3A
Website: www.bitfenix.com

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Related Documents - BFC-CET-200-WWGSW-3A

	<p>BitFenix Nova Mesh SE TG 4ARGB PC Case Quick Installation Guide</p> <p>A comprehensive guide for installing the BitFenix Nova Mesh SE TG 4ARGB PC case. Covers package contents, component removal, drive and fan installation, control panel setup, VGA card mounting, and ARGB controller connection.</p>
	<p>BitFenix KUZU AIO Liquid Cooler Installation Guide - 240mm & 360mm</p> <p>Detailed installation guide for the BitFenix KUZU All-in-One (AIO) liquid cooler, covering both 240mm and 360mm models. Learn how to mount the radiator, fans, and pump for optimal CPU cooling performance.</p>
	<p>BitFenix NOVA MESH SE TG 4ARGB PC Case Quick Installation Guide</p> <p>Step-by-step guide for installing the BitFenix NOVA MESH SE TG 4ARGB PC case, covering package contents, panel removal, drive installation, fan mounting, and control panel connections.</p>

	<p>BitFenix SAKIELL ALL-IN-ONE 240MM/360MM Liquid Cooler with ARGB Fans Installation Guide</p> <p>Comprehensive installation guide for the BitFenix SAKIELL AIO liquid cooler series (240mm and 360mm) featuring ARGB fans. Includes package contents, detailed steps for AMD and Intel CPU socket installation, radiator and fan mounting, and cable connections.</p>
	<p>BitFenix T10 PC Case Quick Installation Guide</p> <p>This guide provides quick installation instructions for the BitFenix T10 PC case, detailing package contents, component identification, and assembly steps for various models including T10 EF, T10 ES, and T10 MIRROR.</p>
	<p>BitFenix GAILO PC Case Quick Installation Guide</p> <p>A concise, SEO-optimized HTML guide for installing the BitFenix GAILO PC case. Covers package contents, component identification, panel removal, drive bay configurations, PSU, fan, motherboard, and graphics card installation, plus front panel connectors.</p>