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› [IN WIN](#) /

› In-Win CE685.FH300TB3 MicroATX Slim Case User Manual

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Model: CE685.FH300TB3

Brand: IN WIN

INTRODUCTION

This user manual provides comprehensive instructions for the In-Win CE685.FH300TB3 MicroATX Slim Case. It covers essential information regarding the product's features, setup, operation, maintenance, and troubleshooting. Please read this manual thoroughly before installing or operating your new PC case to ensure optimal performance and longevity.

The CE685.FH300TB3 is designed for MicroATX and Mini-ITX motherboards, offering a compact and versatile solution for various computing needs. It features an innovative thermal design, tool-free assembly, and support for both vertical and horizontal placement.

PRODUCT OVERVIEW



Figure 1: In-Win CE685.FH300TB3 MicroATX Slim Case

This image displays the In-Win CE685.FH300TB3 MicroATX Slim Case in its vertical orientation. The front panel features a mesh design for airflow, along with bays for optical drives and hard drives. The bottom front includes USB 2.0 and USB 3.0 ports, as well as audio jacks and power/reset buttons. The side panel includes a recessed handle for easy removal.

Key Features:

- **Innovative Thermal Design:** Engineered without ventilation holes on the top, bottom, or side panels, utilizing a built-in 90mm front fan for efficient heat dissipation.
- **Versatile Placement:** Supports both vertical and horizontal orientations to fit various desk setups.

- **Front I/O Connectivity:** Equipped with two USB 2.0 ports, two USB 3.0 ports, and HD Audio jacks for convenient peripheral connections.
- **Tool-Free Design:** Facilitates quick and easy assembly or maintenance for odd HDD, fan bracket, and PCI Slots. Features a one-touch release mechanism.
- **Integrated Power Supply:** Includes a 300W standard TFX 12V power supply, compatible with Haswell processors.

SETUP

1. Unpacking and Inspection

Carefully remove the case from its packaging. Inspect the case for any signs of damage that may have occurred during shipping. Retain all packaging materials for future transport or storage.

2. Preparing the Case

1. Place the case on a stable, flat surface.
2. Locate the side panel release mechanism (often a latch or thumbscrews) and remove the side panel to access the interior.

3. Component Installation

The CE685.FH300TB3 is designed for ease of assembly with its tool-free features. Follow the general steps below for installing your components:

- **Motherboard:** Install your MicroATX or Mini-ITX motherboard onto the standoffs. Ensure proper alignment with the I/O shield.
- **Storage Drives:** Utilize the tool-free bays for 5.25" optical drives, 3.5" HDDs, and 2.5" SSDs. The case includes one external 5.25" bay, one external 3.5" bay, one internal 3.5" bay, and one internal 2.5" bay.
- **Expansion Cards:** Install low-profile PCI expansion cards into the four available slots. The tool-free design simplifies this process.
- **Cabling:** Connect all necessary power cables from the integrated 300W TFX power supply to your motherboard and components. Connect front panel I/O cables (USB 2.0, USB 3.0, HD Audio, power/reset switches) to the corresponding headers on your motherboard.
- **Cooling System:** The case comes with a pre-installed 90mm front fan. Ensure it is properly connected for optimal airflow.

4. Case Placement

The In-Win CE685.FH300TB3 can be placed in either a vertical or horizontal orientation. Choose the orientation that best suits your workspace and ensures adequate ventilation around the case.

OPERATING INSTRUCTIONS

Once all components are securely installed and connected, replace the side panel. Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on your system. Connect the power cord to the integrated power supply and a wall outlet.

- **Power On:** Press the power button located on the front panel of the case.
- **Front I/O Panel Usage:**
 - **USB Ports:** Use the two USB 2.0 and two USB 3.0 ports for connecting external devices such as USB drives, keyboards, and mice.
 - **Audio Jacks:** Connect headphones, microphones, or speakers to the HD Audio jacks.

- **Power Off:** Always shut down your operating system properly before disconnecting power or turning off the system.

MAINTENANCE

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

- **Dust Removal:** Periodically clean the interior of the case to remove dust buildup, which can impede airflow and cause overheating. Use compressed air or a soft brush. Pay particular attention to the front fan and any mesh areas.
- **Fan Cleaning:** Ensure the 90mm front fan is free from dust and debris to maintain efficient cooling.
- **External Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Cable Management:** While not explicitly designed for extensive cable management, ensure internal cables are routed to allow for maximum airflow and do not obstruct fan operation.

TROUBLESHOOTING

This section addresses common issues you might encounter with your In-Win CE685.FH300TB3 case.

Common Issues and Solutions:

- **System Not Powering On:**
 - Verify that the power cord is securely connected to both the case's power supply and a working wall outlet.
 - Check that the power supply switch (if present) is in the 'ON' position.
 - Ensure the front panel power button cable is correctly connected to the motherboard's power header.
- **Overheating Issues:**
 - Confirm the 90mm front fan is spinning and free of obstructions.
 - Clean any dust buildup inside the case, especially on the fan and component heatsinks.
 - Ensure adequate ventilation around the case; do not block the front or rear airflow paths.
- **Front Panel USB/Audio Not Working:**
 - Check that the USB 2.0, USB 3.0, and HD Audio cables from the front panel are securely connected to the correct headers on your motherboard. Refer to your motherboard's manual for header locations.
- **Component Fit/Clearance Issues:**
 - This slim case has specific clearance limitations. Ensure your CPU cooler height and GPU length are compatible with the case dimensions. Low-profile graphics cards are generally recommended.
 - When installing drives or expansion cards, be mindful of cable routing to avoid obstructing other components or airflow. Some motherboard connectors (e.g., right-angled SATA) might be tight against internal structures; consider using slim or angled cables if necessary.

If you encounter issues not covered here, please refer to the support section for further assistance.

SPECIFICATIONS

Feature	Detail
Case Type	MicroATX SFF slim
Motherboard Compatibility	MicroATX, Mini-ITX

Feature	Detail
External Bays	1x 5.25", 1x 3.5"
Internal Bays	1x 3.5", 1x 2.5"
Expansion Slots	4x low profile slots
Cooling System	1x 90mm front fan
Front I/O Panel	2x USB 3.0 Ports, 2x USB 2.0 Ports, HD Audio
Power Supply	300W standard TFX 12V (Haswell support)
Material	Alloy Steel, Plastic
Color	Black
Dimensions (LxWxH)	3.8 x 13.1 x 14.6 inches
Item Weight	12 pounds

WARRANTY AND SUPPORT

For warranty information and technical support regarding your In-Win CE685.FH300TB3 MicroATX Slim Case, please refer to the official IN WIN website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: Visit the official IN WIN website for drivers, FAQs, and additional product information.www.in-win.com

Customer Support: Contact IN WIN customer support for assistance with product issues, technical questions, or warranty service. Contact details can typically be found on the official website.

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