

IN WIN CE685.FH300TB3

Instruction Manual for IN WIN CE685.FH300TB3 mATX Chassis

Model: CE685.FH300TB3 | Brand: IN WIN

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your IN WIN CE685.FH300TB3 mATX Chassis. Designed for Micro ATX motherboards, this compact tower case offers efficient space utilization and includes a pre-installed 300W power supply, making it an ideal foundation for your Haswell-ready system build. Please read this manual thoroughly before beginning installation to ensure proper setup and optimal performance.

2. KEY FEATURES

- **Haswell Ready 300W Power Supply:** Integrated power supply designed to support modern CPU architectures.
- **Micro ATX Compatibility:** Specifically designed to house Micro ATX form factor motherboards.
- **Versatile Drive Bays:** Features external 1 x 5.25" and 1 x 3.5" ODD bays, along with tool-less internal 1 x 3.5" and 1 x 2.5" HDD bays for flexible storage options.
- **Front Panel Connectivity:** Equipped with USB 3.0 and HD Audio ports for convenient peripheral access.
- **Low Profile Expansion Slots:** Includes 4 low profile expansion slots for add-in cards.
- **Efficient Cooling:** Features a 90mm fan for effective internal airflow.
- **Durable Construction:** Constructed from a combination of plastic and metal for robustness.
- **Compact Tower Design:** Space-saving black tower case.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	CE685.FH300TB3
Case Type	Tower
Motherboard Compatibility	Micro ATX

Power Supply	300W (Haswell Ready)
External Drive Bays	1 x 5.25", 1 x 3.5" ODD
Internal Drive Bays	1 x 3.5" (tool-less), 1 x 2.5" (tool-less)
Expansion Slots	4 x Low Profile
Front I/O Ports	1 x USB 3.0, HD Audio
Cooling System	1 x 90mm fan
Color	Black
Material	Plastic, Metal
Item Weight	11.9 pounds
Product Dimensions (L x W x H)	2 x 2 x 2 inches <i>(Note: These dimensions may refer to packaging or a specific component. Please refer to the product's physical size for actual chassis dimensions.)</i>
Power Supply Mounting Type	Rear Mount

4. SETUP GUIDE

Follow these steps to properly set up your IN WIN CE685.FH300TB3 chassis and install your components.



Figure 1: Front-left view of the IN WIN CE685.FH300TB3 mATX Chassis, showcasing its compact tower design, front panel I/O, and ventilation.

4.1. Unpacking and Inspection

1. Carefully remove the chassis from its packaging.
2. Inspect the chassis for any signs of damage during transit. If damage is found, contact your retailer immediately.
3. Verify that all accessories (screws, cables, manual) are included.

4.2. Motherboard Installation

1. Remove the side panel of the chassis.
2. Install the I/O shield provided with your motherboard into the chassis's I/O opening.
3. Align your Micro ATX motherboard with the standoffs inside the chassis. Ensure all standoffs match the motherboard's mounting holes.
4. Secure the motherboard using the appropriate screws. Do not overtighten.

4.3. Drive Installation

The CE685.FH300TB3 supports various drive types:

- **5.25" ODD (Optical Disc Drive):** Slide the drive into the external 5.25" bay from the front and secure it.
- **3.5" ODD (External):** Slide the drive into the external 3.5" bay from the front and secure it.
- **3.5" HDD (Internal):** Utilize the tool-less mechanism to install your 3.5" hard drive into the designated bay.
- **2.5" SSD/HDD (Internal):** Utilize the tool-less mechanism to install your 2.5" solid-state drive or hard drive into the designated bay.

Connect appropriate SATA data and power cables to each installed drive.

4.4. Power Supply Connections

The chassis comes with a pre-installed 300W power supply. Connect the necessary power cables to your motherboard (24-pin ATX, 4/8-pin CPU) and all installed components (graphics card, drives, etc.). Ensure all connections are secure.

4.5. Front Panel Connections

Connect the front panel cables from the chassis to the corresponding headers on your motherboard. These include:

- USB 3.0 header
- HD Audio header
- Power switch, reset switch, power LED, HDD LED headers

Refer to your motherboard's manual for the exact location of these headers.

4.6. Expansion Card Installation

If installing low profile expansion cards (e.g., graphics card, network card), remove the corresponding slot covers from the rear of the chassis. Insert the card firmly into the PCIe or PCI slot on your motherboard and secure it with a screw.

4.7. Cable Management

Route cables neatly behind the motherboard tray or along the chassis frame to improve airflow and aesthetics. Use cable ties if necessary.

4.8. Final Assembly

Once all components are installed and connected, replace the side panel of the chassis. Ensure it is securely fastened.

5. OPERATING INSTRUCTIONS

The IN WIN CE685.FH300TB3 chassis provides the physical enclosure and power for your computer system. Its operation is primarily governed by the internal components you install.

5.1. Powering On/Off

- **Power On:** Press the power button located on the front panel of the chassis.
- **Power Off:** To shut down your system, use the operating system's shutdown function. For a forced shutdown, press and hold the power button for several seconds.
- **Restart:** Press the reset button on the front panel for a quick system restart.

5.2. Airflow and Ventilation

The chassis is designed with a 90mm fan to facilitate airflow. Ensure that the chassis is placed in an area with adequate ventilation to prevent overheating of internal components. Do not block the air intake or exhaust vents.

6. MAINTENANCE

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

6.1. Cleaning

- **Exterior:** Use a soft, damp cloth to wipe down the exterior surfaces. Avoid abrasive cleaners.
- **Interior:** Periodically open the side panel and use compressed air to remove dust buildup from internal components, especially the fan and heatsinks. Ensure the system is powered off and unplugged before cleaning the interior.

6.2. Fan Maintenance

Check the 90mm fan periodically for dust accumulation. Clean the fan blades gently with compressed air or a soft brush to maintain efficient cooling.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your chassis.

7.1. System Does Not Power On

- Ensure the power cable is securely connected to both the chassis's power supply and the wall outlet.
- Check that the power supply's main switch (if present) is in the "On" position.
- Verify that the front panel power switch cable is correctly connected to the motherboard's power header.
- Confirm all internal power connections (24-pin ATX, CPU power) are firmly seated.

7.2. Front Panel USB/Audio Ports Not Working

- Check that the USB 3.0 and HD Audio cables from the front panel are correctly connected to the corresponding headers on your motherboard.
- Refer to your motherboard's manual for correct header pinouts.

7.3. Excessive Noise from Chassis

- Inspect the 90mm fan for any obstructions or dust buildup. Clean if necessary.
- Ensure all screws securing components (drives, expansion cards) are tightened to prevent vibrations.
- Check if any cables are touching fan blades.

8. WARRANTY INFORMATION

The IN WIN CE685.FH300TB3 chassis comes with a **3-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accident, modification, or unauthorized repair.

Please retain your proof of purchase (receipt or invoice) as it will be required for any warranty claims. For detailed warranty terms and conditions, please refer to the official IN WIN website or contact their customer support.

9. CUSTOMER SUPPORT

If you encounter any issues that cannot be resolved using the troubleshooting guide, or if you require further assistance, please contact IN WIN customer support.

For the most up-to-date contact information and support resources, please visit the official IN WIN website:

www.in-win.com

When contacting support, please have your product model (CE685.FH300TB3) and proof of purchase ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question