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ZOTAC ZBOX-CI337NANO-BE

ZOTAC ZBOX CI337 Nano Mini-PC User Manual

Model: ZBOX-CI337NANO-BE

INTRODUCTION

This manual provides essential instructions for the setup, operation, maintenance, and troubleshooting of your ZOTAC ZBOX CI337 Nano Mini-PC. Please read this guide thoroughly before using your device to ensure proper functionality and longevity. The ZBOX CI337 Nano is a compact, barebones mini-PC designed for various computing tasks, offering flexibility for component installation.

PACKAGE CONTENTS

Verify that all items listed below are present in your ZBOX CI337 Nano Mini-PC package. If any items are missing or damaged, please contact your retailer or ZOTAC support.

- Wi-Fi antenna
- AC adapter
- Power cable
- Quick installation instructions
- VESA mount (with 4 screws)



Image: Contents of the ZOTAC ZBOX CI337 Nano Mini-PC package, including the mini-PC unit, power adapter, power cable, Wi-Fi antenna, VESA mount, and quick start guide.

PHYSICAL OVERVIEW

Front Panel



Image: Front view of the ZOTAC ZBOX CI337 Nano Mini-PC, showing the power button, SD card reader, audio jacks, USB 3.2 port, and USB-C port.

- **Power Button:** Press to turn the system on or off.
- **SD Card Reader:** For inserting SD memory cards.
- **Headphone Jack:** 3.5mm audio output.
- **Microphone Jack:** 3.5mm audio input.

- **USB 3.2 Port:** For connecting USB devices.
- **USB-C Port:** For connecting USB-C compatible devices.
- **Indicator LEDs:** PWR (Power), HDD (Hard Drive Activity), WIFI (Wireless Activity).

Rear Panel

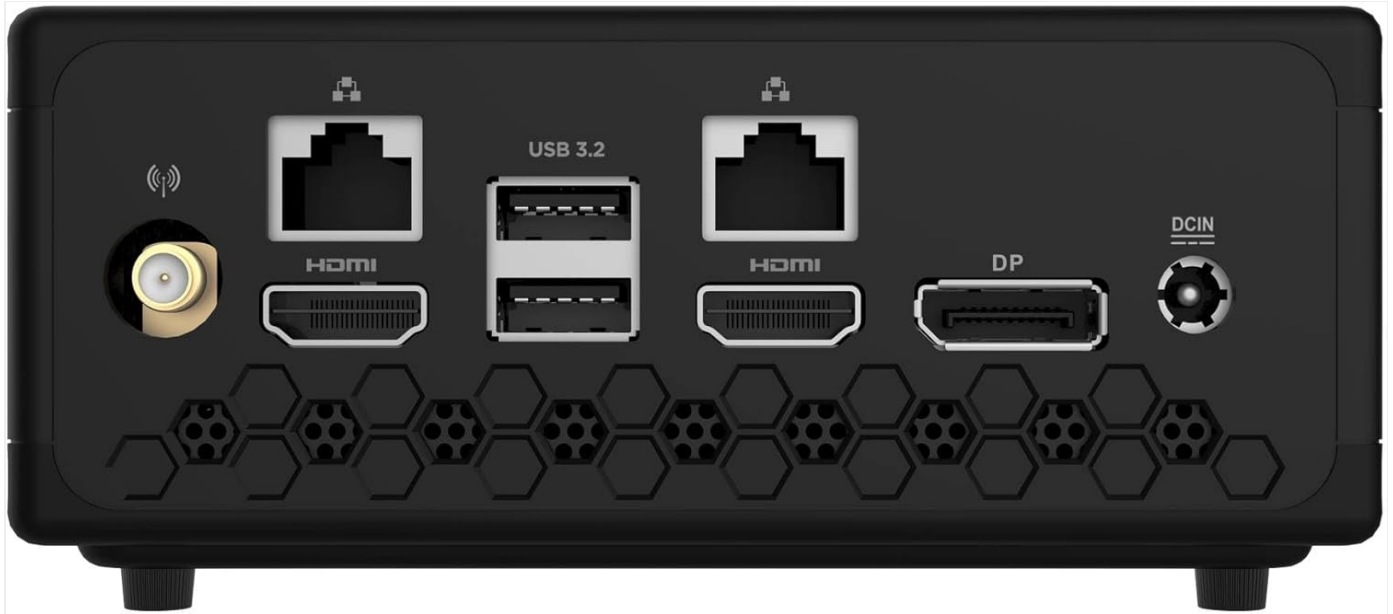


Image: Rear view of the ZOTAC ZBOX CI337 Nano Mini-PC, displaying two Ethernet ports, two HDMI ports, one DisplayPort, two USB 3.2 ports, a Wi-Fi antenna connector, and the DC IN power port.

- **Wi-Fi Antenna Connector:** For attaching the included Wi-Fi antenna.
- **Ethernet Ports (x2):** For wired network connections.
- **HDMI Ports (x2):** For connecting to displays.
- **DisplayPort:** For connecting to a display.
- **USB 3.2 Ports (x2):** For connecting USB devices.
- **DC IN:** Power input port for the AC adapter.

Top and Side Panels



Image: Top view of the ZOTAC ZBOX CI337 Nano Mini-PC, showing the hexagonal ventilation pattern and the ZOTAC logo.

The top and side panels feature a hexagonal ventilation design to ensure efficient heat dissipation, maintaining optimal operating temperatures for the internal components.

SETUP

Follow these steps to set up your ZOTAC ZBOX CI337 Nano Mini-PC. As this is a barebones system, you will need to install RAM and storage components before initial use.

1. Component Installation (RAM & Storage)

1. **Open the Chassis:** Carefully remove the bottom cover of the ZBOX to access the internal components. Refer to the quick installation guide for specific instructions on opening the chassis.
2. **Install RAM:** Insert compatible DDR4 SO-DIMM memory modules into the available slots. Ensure they are seated firmly until the clips lock them in place.
3. **Install Storage:** Install an M.2 SSD or a 2.5-inch SATA SSD/HDD into the designated slots. Secure the drive with the provided screws.
4. **Close the Chassis:** Reattach the bottom cover, ensuring it is securely fastened.

2. Connect Peripherals

- **Display:** Connect your monitor(s) to the HDMI or DisplayPort outputs on the rear panel.

- **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB ports.
- **Network:** For a wired connection, connect an Ethernet cable to one of the Ethernet ports. For wireless, attach the included Wi-Fi antenna to the connector on the rear panel.

3. Connect Power

- Connect the AC adapter to the DC IN port on the rear of the ZBOX.
- Plug the power cable into the AC adapter, then into a wall outlet.

4. Power On

- Press the power button located on the front panel of the ZBOX.
- The power indicator LED will illuminate.

OPERATING

Operating System Installation

Since the ZBOX CI337 Nano is a barebones system, an operating system (OS) is not pre-installed. You will need to install your preferred OS, such as Windows 10/11 or a Linux distribution.

1. **Prepare Installation Media:** Create a bootable USB drive with your chosen operating system's installation files.
2. **Boot from USB:** Power on the ZBOX and repeatedly press the designated key (usually DEL or F2) to enter the BIOS/UEFI settings. Configure the boot order to prioritize your USB drive.
3. **Install OS:** Follow the on-screen instructions to install the operating system onto your installed storage device.

Driver Installation

After OS installation, it is crucial to install the latest drivers for optimal performance and functionality.

- Visit the official ZOTAC website (www.zotac.com/us/support#download) and navigate to the support section for your specific model (ZBOX CI337 Nano).
- Download and install all necessary drivers, including chipset, graphics, network (LAN/Wi-Fi), and audio drivers.

MAINTENANCE

Regular maintenance helps ensure the longevity and stable performance of your ZBOX Mini-PC.

- **Cleaning:** Periodically clean the exterior of the ZBOX with a soft, dry cloth. Use compressed air to gently clear dust from the ventilation openings to prevent overheating. Ensure the device is powered off and unplugged before cleaning.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions. This improves security, stability, and performance.
- **Environmental Conditions:** Operate the ZBOX in a well-ventilated area, away from direct sunlight, heat sources, and excessive humidity.

TROUBLESHOOTING

If you encounter issues with your ZBOX CI337 Nano, refer to the following common troubleshooting steps.

- **No Power:**

- Ensure the AC adapter is securely connected to both the ZBOX and a working power outlet.
 - Verify the power cable is fully inserted into the AC adapter.
 - Test the power outlet with another device.
- **No Display:**
 - Check that the monitor is powered on and the video cable (HDMI/DisplayPort) is securely connected to both the ZBOX and the monitor.
 - Try a different video cable or monitor if possible.
 - Ensure the correct input source is selected on your monitor.
- **No Operating System Detected:**
 - Verify that RAM and storage components are correctly installed and seated.
 - Check BIOS/UEFI settings to ensure the boot order is correct and the storage device is recognized.
 - If installing a new OS, ensure the bootable USB drive is properly created and selected as the boot device.
- **Network Connectivity Issues:**
 - For wired connections, check the Ethernet cable and router/modem status.
 - For Wi-Fi, ensure the antenna is securely attached and Wi-Fi is enabled in the operating system.
 - Update network drivers from the ZOTAC website.

SPECIFICATIONS

Key technical specifications for the ZOTAC ZBOX CI337 Nano Mini-PC (Model: ZBOX-CI337NANO-BE).

Feature	Specification
Model Number	ZBOX-CI337NANO-BE
Product Dimensions	4.72 x 4.72 x 1.97 inches
Item Weight	4.2 pounds
Manufacturer	Zotac
Memory Storage Capacity	16 GB (<i>Max supported, user installable</i>)
Total USB Ports	5 (USB 3.2, USB-C)
Resolution (Max)	1920x1080 (<i>Note: Actual resolution depends on GPU and display capabilities, often higher for modern integrated graphics</i>)
Maximum Memory Speed	4800 MT/s
Operating System	Windows 10 (<i>Compatible, user installable</i>)
CPU Model	Core i7
CPU Speed	2.7 GHz
Cache Size	6 MB

Feature	Specification
Graphics Card Description	Integrated
Graphics Coprocessor	Intel HD Graphics
Specific Uses For Product	Multimedia/Everyday Use
Personal Computer Design Type	Mini PC

Note: The product title specifies "BB N100" (Intel Processor N100). The listed CPU Model "Core i7" and Graphics Coprocessor "Intel HD Graphics" may be generic or refer to a different variant. Please refer to the official ZOTAC product page for the most accurate specifications for the N100 model.

WARRANTY INFORMATION

ZOTAC products are covered by a limited warranty. For detailed information regarding the warranty period, terms, and conditions applicable to your ZBOX CI337 Nano Mini-PC, please refer to the warranty card included in your package or visit the official ZOTAC website.

Important: Opening the chassis to install RAM and storage components typically does not void the warranty, provided the installation is performed correctly and no damage occurs. However, unauthorized modifications or repairs may void your warranty.

SUPPORT

For further assistance, technical support, or to download the latest drivers and BIOS updates, please visit the official ZOTAC support page:

[ZOTAC Support Website](#)

You can also find FAQs and community forums on the ZOTAC website for additional resources.

