

GIGABYTE U4 UD-50US823SO

GIGABYTE U4 UD Laptop User Manual

Model: U4 UD-50US823SO

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your GIGABYTE U4 UD laptop. Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device.

PACKAGE CONTENTS

Upon unpacking your GIGABYTE U4 UD laptop, verify that all items listed below are present:

- GIGABYTE U4 UD Laptop
- Power Adapter
- Power Cord
- Battery (pre-installed or separate)

LAPTOP LAYOUT AND PORTS

Familiarize yourself with the various components and ports of your GIGABYTE U4 UD laptop.



Image: Diagram illustrating the port layout of the GIGABYTE U4 UD laptop. The left side features a DC-in Jack, HDMI 2.0 port, USB 3.2 Gen2 (Type-A) port, and a Thunderbolt 4 (Type-C) port. The right side includes a USB 3.2 Gen1 (Type-A) port, Audio Combo Jack, and a MicroSD Card Reader.

- **DC-in Jack:** Connect the power adapter here to charge the laptop and supply power.
- **HDMI 2.0:** Connect to an external display or projector.
- **USB 3.2 Gen2 (Type-A):** For connecting USB devices with high-speed data transfer.
- **Thunderbolt 4 (Type-C):** A versatile port supporting data transfer, video output, and power delivery.
- **USB 3.2 Gen1 (Type-A):** For connecting standard USB devices.
- **Audio Combo Jack:** Connect headphones or a headset with a microphone.
- **MicroSD Card Reader:** Insert a MicroSD card for data transfer.

GETTING STARTED

1. Initial Charging

Before first use, connect the power adapter to the DC-in jack on your laptop and plug it into a power outlet. Allow the battery to charge for at least 30 minutes before powering on, or until the battery indicator shows a sufficient charge.

2. Powering On

Open the laptop lid. Press the power button, typically located on the keyboard deck, to turn on the device. The system will boot into Windows 11 Home.

3. Initial Windows Setup

Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, connecting to a Wi-Fi network, creating a user account, and accepting the license agreement.

OPERATING YOUR LAPTOP

Keyboard and Touchpad

The laptop features a full-sized keyboard and a precision touchpad. The touchpad supports multi-touch gestures for navigation and control. Refer to Windows settings for customizing touchpad gestures.

Display

The 14.0" Thin Bezel FHD IPS-level display offers a resolution of 1920x1080 pixels. Adjust display settings, such as brightness and resolution, through Windows Display Settings.

Audio

The laptop is equipped with DTS: X Ultra audio technology and a dual-array microphone. Adjust volume and audio settings via the Windows sound control panel or the function keys on the keyboard.

Webcam

A built-in webcam is available for video conferencing and other applications. Ensure proper lighting for optimal image quality.

CONNECTING PERIPHERALS

Your GIGABYTE U4 UD laptop offers various ports for connecting external devices:

- **USB Devices:** Use the USB 3.2 Gen1 (Type-A) and USB 3.2 Gen2 (Type-A) ports for external hard drives, flash drives, mice, and keyboards.
- **External Displays:** Connect an external monitor or TV using the HDMI 2.0 port or the Thunderbolt 4 (Type-C) port.
- **MicroSD Cards:** Insert a MicroSD card into the dedicated reader for accessing photos and other files.

NETWORK CONNECTIVITY

Wi-Fi

The laptop supports Intel WiFi 6 AX201 for high-speed wireless internet access. To connect to a Wi-Fi network, click the network icon in the taskbar, select your desired network, and enter the password if required.

Bluetooth

Bluetooth V5.2 is integrated for connecting wireless peripherals such as headphones, speakers, and mice. Enable Bluetooth through Windows Settings > Devices > Bluetooth & other devices, then pair your device.

POWER MANAGEMENT

Battery Care

To prolong battery life, avoid fully discharging the battery frequently. For long-term storage, charge the battery to approximately 50-60% and store the laptop in a cool, dry place. The laptop uses a Lithium Ion battery.

Charging

Connect the provided power adapter to the DC-in jack to charge the battery. The battery indicator light will show the charging status.

SYSTEM MAINTENANCE

Software Updates

Regularly check for and install Windows updates and GIGABYTE driver updates to ensure optimal performance and security. These can be found in Windows Settings > Update & Security or on the official GIGABYTE support website.

Cleaning

Use a soft, lint-free cloth to clean the screen and exterior surfaces. For stubborn marks, dampen the cloth slightly with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials. Ensure the laptop is powered off and unplugged before cleaning.

TROUBLESHOOTING

This section addresses common issues you might encounter with your GIGABYTE U4 UD laptop.

- **Incorrect System Time:** If the system time is consistently incorrect, ensure your laptop is connected to the internet to synchronize with time servers. Check Windows Date & Time settings to ensure 'Set time automatically' is enabled. If the issue persists, the CMOS battery may need replacement by a qualified technician.
- **Screen Discoloration:** If you observe screen discoloration, try updating your graphics drivers from the GIGABYTE support website. Test with an external monitor to determine if the issue is with the laptop's display panel or the graphics output. If the issue is on the laptop screen only, it may indicate a hardware problem.
- **Keyboard Keys Not Responding:** First, restart the laptop. If specific keys are unresponsive, check for any physical obstructions. Ensure no software conflicts are present by testing in a different application or safe mode. If the problem persists, it may indicate a hardware malfunction.
- **Loss of Wireless Connectivity:** If Wi-Fi or Bluetooth stops working, check if Airplane Mode is enabled. Restart your laptop and your wireless router. Update your wireless drivers from the GIGABYTE support website. You can also try resetting network adapters in Windows settings.
- **Overheating:** Excessive heat can reduce performance. Ensure the laptop's vents are clear and not obstructed. Use the laptop on a hard, flat surface rather than soft materials like blankets. Regularly clean dust from the vents using compressed air. Adjust power settings to a balanced mode to reduce CPU/GPU load.
- **Short Battery Duration:** Battery life can vary based on usage. To improve battery duration, reduce screen brightness, close unnecessary applications, and adjust power settings in Windows to a power-saving mode. Ensure background apps are not consuming excessive power.

For issues not covered here, or if solutions do not resolve the problem, contact GIGABYTE customer support.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	U4 UD-50US823SO
Operating System	Windows 11 Home
Processor	11th Gen Intel Core i5-1155G7 (4.5 GHz Intel Mobile CPU)
Graphics	Intel Iris Xe Graphics (Integrated)
Display	14.0" Thin Bezel FHD (1920x1080) IPS-level
RAM	16 GB DDR4 (2400 MHz Memory Speed)
Storage	512 GB PCIe SSD
Wireless Connectivity	Intel WiFi 6 AX201, Bluetooth V5.2
Ports	1x USB 3.2 Gen1 (Type-A), 1x USB 3.2 Gen2 (Type-A), 1x Thunderbolt 4 (Type-C), 1x HDMI 2.0, 1x Audio Combo Jack, 1x MicroSD Card Reader, 1x DC-in Jack
Audio	DTS: X Ultra, Dual-Array Microphone
Battery	1 Lithium Ion battery (included)
Dimensions (LxWxH)	8.54 x 12.68 x 0.68 inches
Item Weight	4.24 pounds

WARRANTY INFORMATION

GIGABYTE products are covered by a limited warranty. The specific terms and duration of your warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official GIGABYTE website for detailed warranty information and registration procedures. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

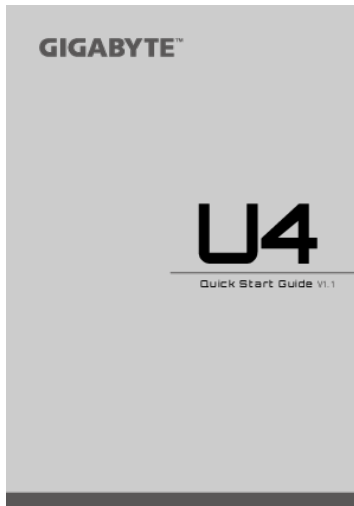
For further assistance, technical support, or service inquiries, please visit the official GIGABYTE support website. You can find drivers, FAQs, and contact information for customer service representatives there.

GIGABYTE Official Website: www.gigabyte.com

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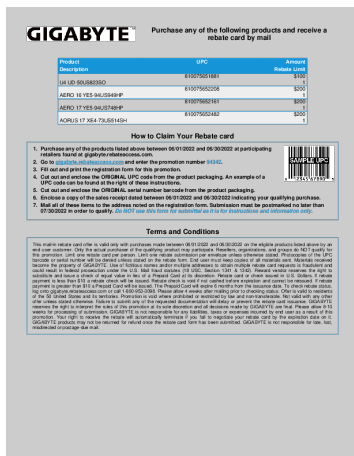


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