

GIGABYTE G5 KC-5US1130SH

GIGABYTE G5 KC-5US1130SH Gaming Laptop User Manual

Brand: GIGABYTE | Model: G5 KC-5US1130SH

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your GIGABYTE G5 KC-5US1130SH gaming laptop. This high-performance laptop is designed for an immersive gaming experience and demanding tasks, featuring advanced hardware components.

Key Features:

- **Processor:** 10th Gen Intel Core i5-10500H H-Series
- **Graphics:** NVIDIA GeForce RTX 3060 Laptop GPU with 8 GB GDDR6 (Boost Clock 1425 MHz, Max Graphics Power 105 W)
- **Display:** 15.6" Thin Bezel FHD IPS-Level 144Hz Anti-Glare display
- **Memory:** 16 GB DDR6 RAM (3200 MHz)
- **Storage:** 512 GB PCIe SSD with support for 3 storage slots
- **Operating System:** Windows 10 Home
- **Connectivity:** Intel Wi-Fi 6 AX200, RTL8411B REALTEK (1G) Ethernet
- **Audio:** NAHIMIC 3D Audio for Gamers
- **Keyboard:** 15 Full Area Colored RGB Backlit Keyboard

2. INITIAL SETUP

2.1 Unboxing and First Power-On

Carefully remove your GIGABYTE G5 KC-5US1130SH laptop and its accessories from the packaging. Ensure

all components, including the laptop, battery, and charger, are present.

Before initial use, connect the AC adapter to the laptop's DC power input port and then to a power outlet. The laptop may require charging before its first power-on. Press the power button to start the system.

2.2 Operating System Configuration

Upon first boot, the Windows 10 Home operating system will guide you through the initial setup process. Follow the on-screen instructions to configure language, region, network settings, and user accounts.

3. FEATURES AND COMPONENTS

3.1 Laptop Overview



Figure 1: Front view of the GIGABYTE G5 KC-5US1130SH Gaming Laptop, showcasing the display and keyboard.



Figure 2: Top-down view of the GIGABYTE G5 KC-5US1130SH keyboard and touchpad.

3.2 Ports and Connectors



Figure 3: Left side of the laptop, showing the Kensington Lock, USB 2.0 (Type-A), USB 3.2 Gen1 (Type-A),

Microphone Jack, and Headphone Jack.

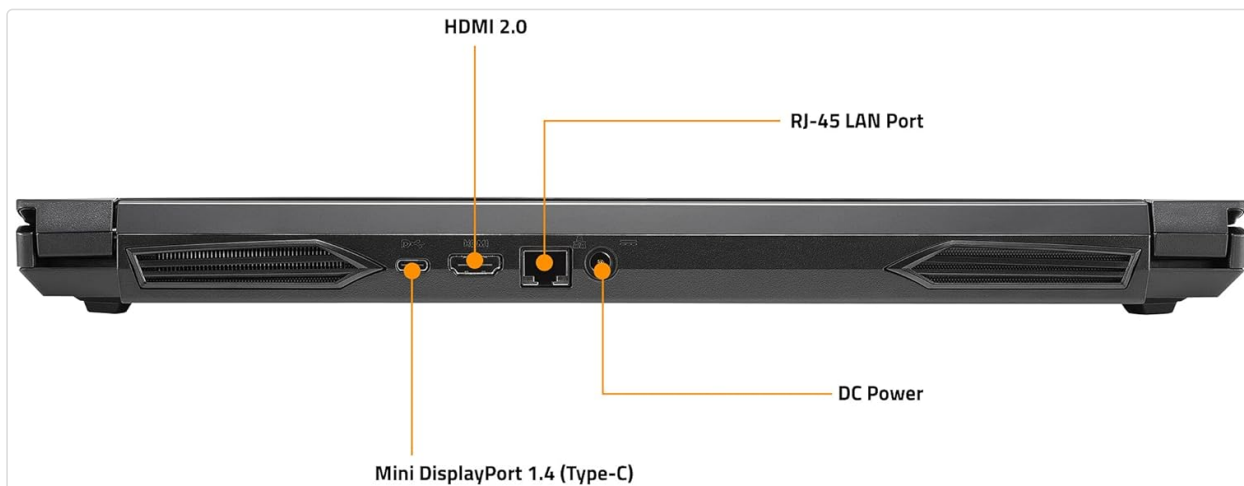


Figure 4: Rear side of the laptop, showing the HDMI 2.0 port, RJ-45 LAN Port, Mini DisplayPort 1.4 (Type-C), and DC Power input.

The right side of the laptop includes an SD/MMC Card Reader, Mini DisplayPort 1.4, and USB 3.2 Gen2 (Type-A) port.

3.3 RGB Backlit Keyboard

The laptop features a 15 full area colored RGB backlit keyboard. Lighting effects and colors can be customized through the pre-installed GAMING CENTER Software.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Press the power button located above the keyboard.
- **Power Off:** Click the Start button in Windows, then select Power > Shut down.
- **Sleep Mode:** Click the Start button in Windows, then select Power > Sleep.

4.2 Display Configuration

The laptop supports 1+3 Multi Display for multi-tasking. You can connect up to three external monitors using the HDMI 2.0, mini DP 1.4, and DisplayPort 1.4 (Type-C) ports. Access display settings in Windows to configure extended or duplicated displays.

4.3 GAMING CENTER Software

Utilize the All-New GAMING CENTER Software to optimize your laptop's performance. This software allows you to manage fan speeds, power modes, keyboard RGB lighting, and other system settings for an enhanced gaming experience.

5. MAINTENANCE

5.1 Cleaning and Care

- Regularly clean the screen with a soft, lint-free cloth and a screen-safe cleaning solution.
- Use compressed air to clear dust from keyboard keys and ventilation grilles to prevent overheating.
- Avoid exposing the laptop to extreme temperatures, direct sunlight, or moisture.

5.2 Battery Management

To prolong battery life, avoid constantly keeping the laptop plugged in at 100% charge. Periodically discharge the battery to around 20% and then fully recharge it. For optimal performance during gaming, it is recommended to keep the laptop connected to the power adapter.

5.3 Storage Upgrades

The laptop supports 3 slots of storage system, allowing for future upgrades of SSDs or HDDs. Consult a qualified technician for storage upgrades to ensure proper installation and avoid voiding your warranty.

6. TROUBLESHOOTING

6.1 Power Issues

- **Laptop not turning on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check if the power outlet is functional.
- **Battery not charging:** Verify the charger is correctly connected. If the issue persists, try a different power outlet or contact support.

6.2 Display Problems

- **No display on external monitor:** Check the cable connections (HDMI, DisplayPort, Mini DisplayPort). Ensure the correct input source is selected on the external monitor. Press Windows key + P to cycle through display modes.

6.3 Performance and Overheating

- **System slowing down:** Close unnecessary background applications. Ensure drivers are up to date. Check for malware.
- **Laptop overheating:** Ensure ventilation grilles are clear of obstructions. Consider using a laptop cooling pad during intensive tasks or gaming sessions. Adjust fan settings via the GAMING CENTER Software.

6.4 'No Boot Device Detected' Error

This error indicates the system cannot find a drive to boot from. This could be due to a loose connection, a corrupted operating system, or a failed storage drive. Try restarting the laptop. If the issue persists, check BIOS settings to ensure the boot drive is recognized. If the problem continues, professional service may be required.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Standing screen display size	15.6"
Screen Resolution	1920 x 1080 pixels
Max Screen Resolution	1920x1080
Processor	4.5 GHz Intel_Mobile_CPU (Intel Core i5-10500H)
RAM	16 GB DDR6
Memory Speed	3200 MHz
Hard Drive	512 GB SSD
Graphics Coprocessor	NVIDIA GeForce RTX 3060
Chipset Brand	NVIDIA
Card Description	Dedicated
Graphics Card Ram Size	8 GB
Wireless Type	802.11ax (Wi-Fi 6)
Number of USB 2.0 Ports	1
Number of USB 3.0 Ports	2 (USB 3.2 Gen1 Type-A, USB 3.2 Gen2 Type-A)
Operating System	Windows 10 Home
Item Weight	4.85 pounds
Product Dimensions	10.15 x 14.21 x 1.09 inches
Color	Black
Batteries	1 Lithium Polymer batteries required. (included)

8. WARRANTY AND SUPPORT

8.1 Product Warranty


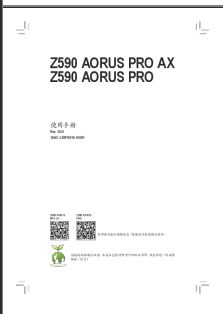
Your GIGABYTE G5 KC-5US1130SH laptop may be eligible for extended protection plans. Please refer to your purchase documentation for details on available 2-Year, 4-Year, or Complete Protect plans.

8.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official GIGABYTE support website or contact their customer service department. Keep your product model number (G5 KC-5US1130SH) and serial number readily available when seeking support.

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Related Documents - G5 KC-5US1130SH

	<p>GIGABYTE A7 Notebook: Quick Start Guide</p> <p>Get started quickly with your GIGABYTE A7 notebook. This guide provides essential setup instructions, hardware overview, hotkey explanations, and system backup/recovery information for your GIGABYTE A7 laptop.</p>
	<p>B560 DS3H AC</p> <p>B560 DS3H AC BIOS</p>
	<p>Gigabyte Z590 AORUS PRO AX / Z590 AORUS PRO Motherboard User Manual</p> <p>Comprehensive user manual for Gigabyte Z590 AORUS PRO AX and Z590 AORUS PRO motherboards, covering hardware installation, BIOS configuration, detailed specifications, and regulatory compliance. Includes guidance on CPU, memory, and expansion card setup.</p>
	<p>Z590 UD AC / Z590 UD</p> <p>Z590 UD AC Z590 UD BIOS</p>
	<p>GIGABYTE GA-P67A-UD3-B3, GA-PH67A-UD3-B3, GA-PH67-UD3-B3 Motherboard User Manual</p> <p>User's manual for GIGABYTE GA-P67A-UD3-B3, GA-PH67A-UD3-B3, and GA-PH67-UD3-B3 LGA1155 socket motherboards. Covers hardware installation, BIOS setup, driver installation, unique features, and troubleshooting.</p>

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[GIGABYTE AORUS GeForce RTX 3070 MASTER 8G \(rev. 2.0\) LHR Graphics Card Overview](#)

Comprehensive guide to the GIGABYTE AORUS GeForce RTX 3070 MASTER 8G (rev. 2.0) LHR graphics card, detailing its advanced cooling, performance features, and specifications for gamers and creators.