GIGABYTE GAMING A16 3VHK3US894SH

GIGABYTE Gaming A16 Laptop User Manual

Model: GAMING A16 3VHK3US894SH

This manual provides essential information for the safe and efficient use of your GIGABYTE Gaming A16 Laptop. Please read it thoroughly before operating the device.

1. Setup and First Use

1.1 Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- GIGABYTE Gaming A16 Laptop
- Power Adapter
- Power Cord
- User Manual (this document)

1.2 Connecting the Power Adapter

Connect the power adapter to the DC-in port on the laptop. Plug the power cord into a wall outlet. It is recommended to fully charge the battery before first use.



Image: The GIGABYTE Gaming A16 Laptop, open and powered on, showcasing its display and backlit keyboard. This image illustrates the laptop's general appearance when ready for use.

1.3 Initial Boot-up and Windows Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, language, creating a user account, and connecting to a network.

2. Operating Your Laptop

2.1 Keyboard and Touchpad

The laptop features a GIGABYTE Golden Curve Keyboard and a precision touchpad. Refer to the image below for key layout and touchpad area.



Image: A top-down perspective of the GIGABYTE Gaming A16 laptop, highlighting the keyboard layout with backlit keys and the integrated touchpad.

2.2 External Ports and Connectors

The GIGABYTE Gaming A16 laptop is equipped with various ports for connectivity. These include USB 2.0, USB 3.0, HDMI 2.1, RJ-45 (Ethernet), and a Type-C USB 3.2 Gen1 port with DisplayPort 1.4 and Power Delivery 3.0 support.



Image: Left side view of the GIGABYTE Gaming A16 laptop, showing the audio combo jack, a USB 3.2 Gen1 Type-A port, and a USB 2.0 Type-A port.



Image: Right side view of the GIGABYTE Gaming A16 laptop, detailing the DC-in port, RJ-45 Ethernet port, HDMI 2.1 port, a USB 3.2 Gen1 Type-A port, and a USB 3.2 Gen1 Type-C port with DisplayPort 1.4 and Power Delivery 3.0 capabilities.

2.3 Display Features

The laptop features a 16-inch WUXGA (1920x1200) display with a 165Hz refresh rate and 3ms response time, offering 300 nits peak brightness. It supports Dolby Atmos for an immersive audio experience.

2.4 GiMATE AI Agent

The GIGABYTE Gaming A16 includes GiMATE, an intelligent AI agent designed to personalize your computing experience by adapting system operations to your needs. Consult the GiMATE software interface for configuration options.

3. Maintenance and Care

3.1 Cleaning the Laptop

Use a soft, lint-free cloth to clean the screen and chassis. For stubborn marks, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials.

3.2 Battery Care

To prolong battery life, avoid exposing the laptop to extreme temperatures. For long-term storage, charge the battery to approximately 50% and store the device in a cool, dry place.

3.3 Software Updates

Regularly update your Windows operating system and GIGABYTE drivers to ensure optimal performance and security. Check the GIGABYTE official website for the latest driver releases.

4. Troubleshooting

4.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected and the wall outlet is functional. Check if the battery is charged.
- **Battery not charging:** Verify the power adapter and cable are not damaged. Try a different outlet.

4.2 Display Problems

- **No display:** Connect an external monitor to check if the issue is with the laptop's internal display. Restart the laptop.
- **Flickering screen:** Update graphics drivers. Adjust display refresh rate in Windows settings.

4.3 Performance Issues

- **Slow performance:** Close unnecessary applications. Check for malware. Ensure sufficient free storage space.
- **Overheating:** Ensure ventilation vents are clear. Use the laptop on a hard, flat surface. Consider adjusting power settings.

5. Specifications

Feature	Detail
Model Name	GAMING A16 3VHK3US894SH
Operating System	Windows 11 Home
Processor	AMD Ryzen 7 260 (3.8 GHz, 8 Processors)
Graphics Coprocessor	NVIDIA GeForce RTX 5060 (8 GB Dedicated)
Display	16-inch WUXGA (1920 x 1200 pixels), 165Hz, 300 nits
RAM	16GB DDR5 (5200 MHz)
Storage	1 TB SSD
Wireless Connectivity	802.11ax, Bluetooth
Ports	1x USB 2.0, 3x USB 3.0, HDMI 2.1, RJ-45, USB-C (DisplayPort 1.4/PD 3.0), Audio Combo Jack
Dimensions (LxWxH)	14.11 x 0.9 x 10.33 inches
Weight	4.85 pounds
Special Feature	MUX Switch, 180-degree Hinge

For detailed port identification, refer to the diagram below:



Image: A detailed diagram illustrating the various ports on both sides of the GIGABYTE Gaming A16 laptop, including USB Type-A, USB Type-C, HDMI, RJ-45, DC-in, and audio combo jack, with their respective labels.

6. Warranty and Support

6.1 Warranty Information

Your GIGABYTE Gaming A16 Laptop comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official GIGABYTE website for detailed terms and conditions. Protection plans are also available for extended coverage.

- 2-Year Protection Plan: Available for purchase.
- 4-Year Protection Plan: Available for purchase.

6.2 Technical Support

For technical assistance, driver downloads, or further support, please visit the official GIGABYTE support website. Have your model number (GAMING A16 3VHK3US894SH) and serial number ready when contacting support.
Official GIGABYTE Website: www.gigabyte.com

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