

MSI A14VHG-806IN

MSI Vector 17 HX Gaming Laptop User Manual

Model: A14VHG-806IN

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MSI Vector 17 HX gaming laptop. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

The MSI Vector 17 HX is a high-performance gaming laptop designed for demanding applications and immersive gaming experiences. It features a 14th Generation Intel Core i9-14900HX processor, NVIDIA GeForce RTX 4080 graphics, and a QHD+ 240Hz display.

2. PACKAGE CONTENTS

Before you begin, ensure all items are present in the package:

- MSI Vector 17 HX Gaming Laptop
- Power Adapter
- MSI Laptop Bag
- Quick Start Guide (if included)

3. SETUP

3.1 Initial Power-On

1. **Connect the Power Adapter:** Plug the power adapter into the laptop's DC-in port and then into a power outlet.
2. **Open the Display:** Carefully lift the display panel.
3. **Power On:** Press the power button, typically located above the keyboard. The laptop will boot up.
4. **Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Home setup, including language, region, network connection, and user account creation.

3.2 Connecting Peripherals

Your laptop supports various external devices:

- **External Display:** Connect an external monitor via the HDMI 2.1 port or a Type-C (DisplayPort) port for extended desktop or mirroring.
- **USB Devices:** Use the Type-A USB 3.2 Gen1/Gen2 ports or Type-C USB 3.2 Gen2 ports for mice, keyboards, external storage, and other USB accessories.
- **Network:** Connect to the internet via Wi-Fi 7 or the RJ45 Ethernet port for a wired connection.



Image: Side view of the MSI Vector 17 HX laptop showing various input/output ports including USB, HDMI, and power input.

4. OPERATING INSTRUCTIONS

4.1 Basic Usage

- **Keyboard:** The Per-Key RGB Gaming Keyboard by SteelSeries offers customizable backlighting and a comfortable

typing experience. Use the function (Fn) keys in combination with F-keys for quick access to system controls like volume, brightness, and Wi-Fi.

- **Touchpad:** The integrated touchpad supports multi-touch gestures for navigation.
- **Display:** The 17.3-inch QHD+ 240Hz IPS-level display provides a high-resolution, smooth visual experience. Adjust brightness using Fn keys or Windows settings.



Image: The MSI Vector 17 HX laptop showcasing its Per-Key RGB Gaming Keyboard by SteelSeries.

4.2 MSI Center Software

The pre-installed MSI Center software allows you to monitor system performance, customize gaming modes, manage RGB lighting, and optimize various settings for your laptop. Explore its features for a personalized experience.

4.3 Audio Features

Your laptop features Nahimic by SteelSeries audio enhancement and Hi-Res Audio support for superior sound quality through headphones and speakers.



Image: An illustration highlighting the Nahimic by SteelSeries and Hi-Res Audio features of the MSI Vector 17 HX laptop.

5. MAINTENANCE

5.1 Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft cloth to wipe surfaces. For dust in crevices, use compressed air.
- **Vents:** Regularly clean the cooling vents to prevent dust buildup, which can hinder airflow and cause overheating.



Image: An internal view of the MSI Vector 17 HX laptop's Cooler Boost 5 thermal solution, showing fans and heat pipes.

5.2 Software Updates

Regularly update your operating system (Windows 11), graphics drivers (NVIDIA), and MSI software (MSI Center) to ensure optimal performance, security, and compatibility.

5.3 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For long-term storage, maintain the battery charge between 50% and 70%.

6. TROUBLESHOOTING

6.1 No Power / Laptop Not Turning On

- Ensure the power adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for at least 15-30 minutes before attempting to power on.

6.2 Display Issues (No Image, Flickering)

- Check if the laptop is connected to an external monitor. Disconnect it to see if the internal display works.
- Adjust display brightness using the Fn keys.
- Restart the laptop. If possible, update graphics drivers.

6.3 Network Connectivity Problems

- **Wi-Fi:** Ensure Wi-Fi is enabled (check Fn keys or Windows settings). Restart your router/modem.
- **Wired (RJ45):** Check the Ethernet cable connection. Verify your network settings in Windows.
- Update network drivers if issues persist.

7. SPECIFICATIONS

Feature	Detail
Model Name	Vector 17 HX
Model Number	A14VHG-806IN
Processor	14th Generation Intel Core i9-14900HX (Up To 5.8GHz)
Operating System	Windows 11 Home
Display	43.8cm (17.3-inch) 16:10 QHD+ (2560 x 1600), 240Hz, 100% DCI-P3, IPS-level panel
Memory	32GB (16GBx2) DDR5 Dual Channel RAM (Max 96GB)
Storage	2TB NVMe PCIe Gen4x4 SSD
Graphics	NVIDIA GeForce RTX 4080, GDDR6 12GB
Wireless Connectivity	Intel Killer Wi-Fi 7 BE1750(x) + Bluetooth 5.4
Ports	1x Type-C (USB3.2 Gen2 / DisplayPort), 1x Type-C (USB3.2 Gen2 / DisplayPort/ Power Delivery 3.0), 1x Type-A USB3.2 Gen1, 1x Type-A USB3.2 Gen2, 1x SD Express Card Reader, 1x HDMI 2.1 (8K @ 60Hz / 4K @ 120Hz), 1x RJ45
Camera	HD type (30fps@720p), 3D Noise Reduction (3DNR)
Keyboard	Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Audio	Nahimic by SteelSeries, Hi-Res Audio
Battery	90 Watt Hours Lithium Polymer
Weight	3 Kilograms

Feature	Detail
Dimensions (L x W x T)	29.7L x 38W x 2.9Th Centimeters

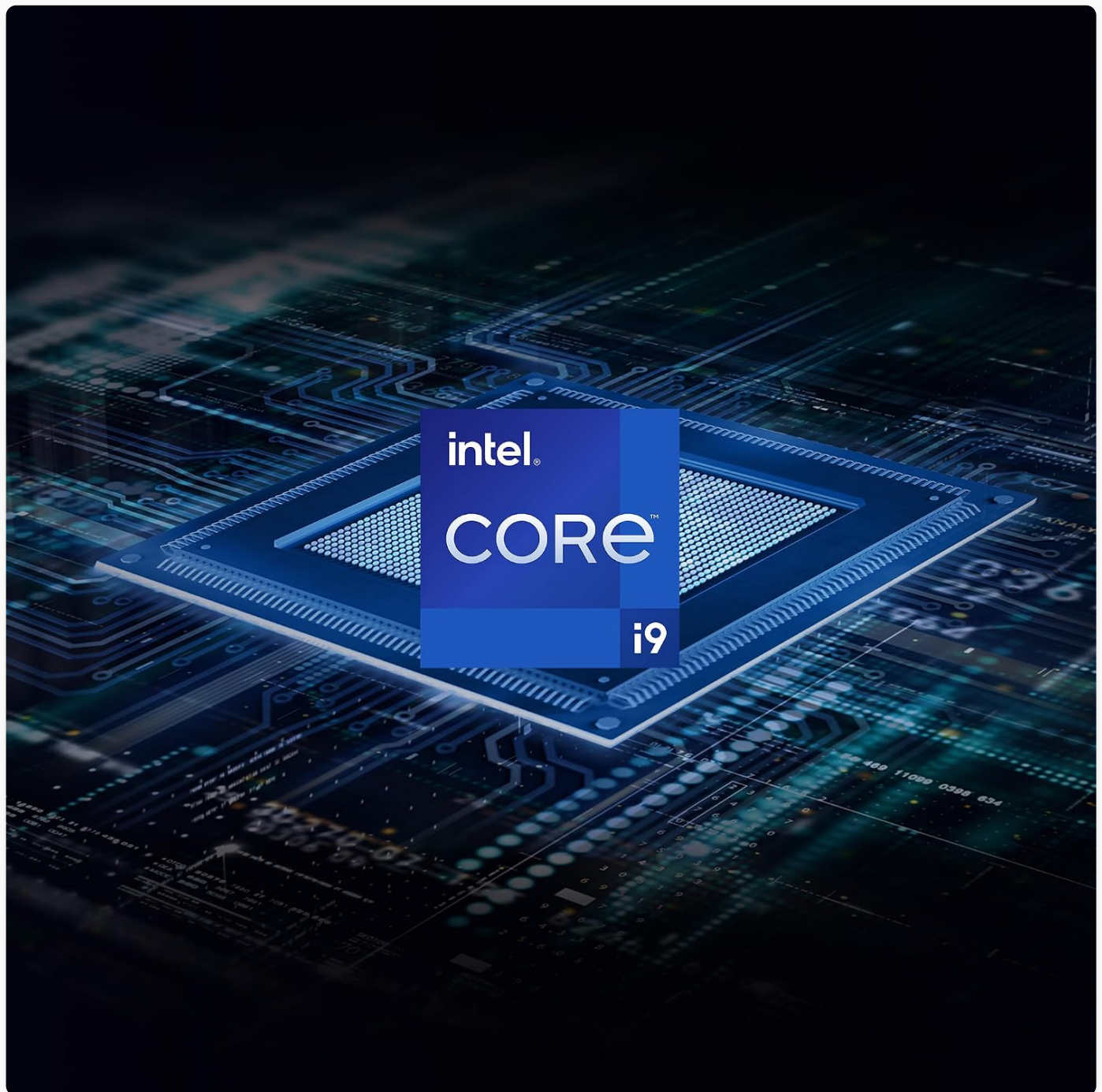


Image: Close-up of an Intel Core i9 processor chip.



Image: The MSI Vector 17 HX laptop displaying a game, with the NVIDIA GeForce RTX logo prominently featured.



Image: The MSI Vector 17 HX laptop's display highlighting its 16:10 aspect ratio, QHD+ resolution, and 240Hz refresh rate, along with Matrix Display support.



Image: The MSI Vector 17 HX laptop emphasizing its Thunderbolt 4, DDR5 RAM, and PCIe Gen.5 SSD technologies.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your MSI Vector 17 HX laptop comes with a **2 Years On-Site warranty**. On-Site Service eligibility may vary by region. The warranty covers manufacturing defects and does not cover physical damage, burn damage, or liquid damage. For detailed terms and conditions, please visit the official MSI India Website.

To validate your warranty, visit the MSI self-service portal: <https://in.msi.com/support/nb>

Assured, Always

Get nothing but the best with assured 2 Years Brand Warranty*

Validate Your Warranty

Self Service:

Visit: <https://in.msi.com/support/nb>



Queries on Warranty? Get in touch with us.



Visit us

More than 80 centres
all over India



Call us (9 to 5)

+91-22-4912 5588



Mail us

indiaservicenb@msi.com

*By default, the unit comes with two-years base domestic warranty from the unit shipped date and can be corrected by contacting MSI.

Image: MSI warranty information graphic, detailing 2 years brand warranty and self-service portal link.

8.2 Contact Support

For any queries regarding your product or warranty, you can reach MSI support through the following channels:

- **Visit:** More than 80 service centers across India.
- **Call:** +91-22-4912 5588 (9 AM to 5 PM)
- **Email:** indiaservicenb@msi.com

Manufacturer Contact Information: MICRO-STAR INTERNATIONAL CO., LTD, No.88, East Qianjin Road Kunshan City Jiangsu China.

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