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> HIDevolution MSI Vector 17 HX A14VIG Laptop User Manual

## HIDevolution MSI Vector 17 HX A14VIG

# HIDevolution MSI Vector 17 HX A14VIG Laptop User Manual

Model: MSI Vector 17 HX A14VIG

## 1. INTRODUCTION

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Welcome to the user manual for your HIDevolution MSI Vector 17 HX A14VIG laptop. This document provides essential information for setting up, operating, maintaining, and troubleshooting your device. Please read this manual thoroughly to ensure optimal performance and longevity of your laptop.



Image: The MSI Vector 17 HX A14VIG laptop in a closed position, showcasing its sleek design and the MSI dragon logo on the lid.

## Product Overview

The MSI Vector 17 HX A14VIG is a high-performance laptop designed for demanding tasks, featuring an Intel 14th Generation i9-14900HX processor, NVIDIA GeForce RTX 4090 graphics, and a 17-inch QHD+ 240Hz display. It comes equipped with 96 GB DDR5 RAM and a 16 TB PCIe SSD, running on Windows 11 Pro.

## Key Features

- **Processor:** Intel 14th Generation Raptor Lake Refresh i9-14900HX 24 Core - 32 Thread Processor (1.6 GHz, Max Turbo Frequency 5.8 GHz).
- **Graphics:** NVIDIA GeForce RTX 4090 with 16 GB GDDR6.
- **Display:** 17" QHD+ (2560 x 1600) 240Hz IPS-Level Display.
- **Memory:** 96 GB (2 x 48 GB) DDR5 5600MHz dual channel system memory.
- **Storage:** 16 TB (2 x 8 TB) M.2 PCIe 4.0 x4 NVMe SSD for fast boot and load times.
- **Operating System:** Genuine Windows 11 Pro, 64-bit, English.
- **Thermal Management:** Enhanced with Gelid GC Extreme thermal interface materials on CPU and GPU for optimal system temperature and performance.

Intel® i9-14900HX 1.6-5.8 GHz 24 Core - 32 Thread | 



**NVIDIA® GeForce® RTX™ 4090 w/ 16 GB GDDR6**


Image: An angled view of the laptop, emphasizing the application of Gelid GC Extreme thermal compound for improved thermal performance.

Installed by HIDevolution  
96 GB DDR5 5600MHz RAM || 🐉



2 x 48 GB


Image: The laptop shown from an angle, highlighting its powerful Intel i9-14900HX processor and NVIDIA GeForce RTX 4090 graphics.

Installed by HIDevolution  
PCIe Based Storage | 



**16 TB M.2 PCIe 4.0 x4 NVMe SSD**

Image: The laptop with its screen open, indicating the installed 96 GB DDR5 5600MHz RAM.

17" QHD+ (2560 x 1600) 240Hz | 



**Wide View Angle, Thin Bezel, 100% DCI-P3**

Image: The laptop open, illustrating the 16 TB M.2 PCIe 4.0 x4 NVMe SSD storage solution.

# HiDevolution Promise |

- Authorized MSI BTO Dealer
- Thorough Quality Testing
- 3-Year
- Expert Support Staff



Image: An angled view of the laptop, confirming the presence of Windows 11 Pro and highlighting the 4-cell (90Whr) Li-Ion battery.

## 2. INITIAL SETUP

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### Unboxing and Inspection

Carefully remove the laptop and all accessories from the packaging. Verify that all components are present: the laptop, power adapter, and power cord. Inspect the laptop for any physical damage.

### Connecting Power

1. Connect the power cord to the power adapter.
2. Plug the power adapter into the power input port on the laptop.
3. Plug the power cord into a grounded electrical outlet.
4. Allow the battery to charge fully before initial use, though you can begin using the laptop while it charges.

# Installed by HIDevolution



## Gelid GC Extreme Compound on CPU + GPU for Optimal System Temperature

Image: Side view of the MSI Vector 17 HX A14VIG laptop, illustrating the placement of various connectivity ports and the power input.

### Initial Boot and Windows Setup

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

## 3. OPERATING YOUR LAPTOP

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### Keyboard and Touchpad

The laptop features a SteelSeries per-key RGB keyboard with anti-ghosting technology for precise input. The multi-touch touchpad supports various gestures for navigation and control. Refer to Windows settings for customizing touchpad gestures.

## SteelSeries per-Key RGB with Anti-Ghost key (99 Key) |



### Multi Touch

Image: Top-down view of the MSI Vector 17 HX A14VIG laptop, showcasing the SteelSeries per-key RGB keyboard and multi-touch touchpad.

### Display Usage

Your laptop is equipped with a 17-inch QHD+ (2560 x 1600) 240Hz IPS-Level display, offering wide viewing angles and vibrant colors. Adjust display settings through Windows Display Settings to optimize resolution, refresh rate, and color profiles.

Genuine Windows® 11 Pro, 64bit, English |




4 cell (90Whr) Li-Ion | 

Image: Front view of the MSI Vector 17 HX A14VIG laptop, displaying a vibrant image on its QHD+ 240Hz screen.

## Connectivity

The laptop provides various connectivity options including USB 3.0 ports, Wi-Fi, and Bluetooth. To connect to a wireless network, navigate to the network settings in Windows and select your desired Wi-Fi network. For Bluetooth devices, enable Bluetooth in settings and pair your device.

## 4. MAINTENANCE AND CARE

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### Cleaning Your Laptop

- Always power off and unplug the laptop before cleaning.

- Use a soft, lint-free cloth slightly dampened with water or a specialized screen cleaner for the display.
- For the keyboard and chassis, use a soft cloth. Compressed air can be used to remove dust from vents and keyboard crevices.
- Avoid using harsh chemicals, abrasives, or solvents.

## Battery Care

The laptop is equipped with a 4-cell (90Whr) Li-Ion battery. To maximize battery lifespan:

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.
- If storing the laptop for an extended period, ensure the battery is charged to approximately 50-60%.

## Software Updates

Regularly update your Windows operating system, drivers, and firmware to ensure optimal performance, security, and compatibility. Check the MSI support website for the latest drivers specific to your model.

## 5. TROUBLESHOOTING COMMON ISSUES

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### Laptop Does Not Power On

- Ensure the power adapter is securely connected to both the laptop and a working electrical outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, it may take a few minutes of charging before the laptop can power on.

### Display Issues

- If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display or the graphics output.
- Adjust screen brightness using the function keys (Fn + Fx keys, specific to MSI models).
- Update your graphics drivers.

### Performance Slowdown

- Close unnecessary applications running in the background.
- Check for malware or viruses.
- Ensure the laptop's cooling vents are not obstructed to prevent thermal throttling.
- Verify that Windows and all drivers are up to date.

## 6. TECHNICAL SPECIFICATIONS

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Feature	Detail
Model	MSI Vector 17 HX A14VIG-839TAA
Processor	Intel Core i9-14900HX (1.6 GHz base, up to 5.8 GHz Turbo, 24 Cores, 32 Threads)
Graphics	NVIDIA GeForce RTX 4090 with 16 GB GDDR6
Display	17-inch QHD+ (2560 x 1600) 240Hz IPS-Level
RAM	96 GB DDR5 5600MHz SDRAM

Feature	Detail
Storage	16 TB SSD (M.2 PCIe 4.0 x4 NVMe)
Operating System	Windows 11 Pro
Power Source	AC Adapter & 4-cell (90Whr) Li-Ion Battery
Dimensions (LxWxH)	14.97 x 11.73 x 1.16 inches
Weight	6.61 pounds
USB Ports	2 x USB 3.0 (additional ports may be present)
Special Features	Backlit Keyboard, Enhanced Thermal Interface Materials (Gelid GC Extreme)

## 7. WARRANTY AND SUPPORT

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### Warranty Information

Your HIDevolution MSI Vector 17 HX A14VIG laptop comes with a **3-Year On-Site Warranty**. This warranty covers manufacturing defects and hardware failures under normal use conditions. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty documentation provided with your product or visit the HIDevolution official website.

### Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact HIDevolution's expert support staff.

- **Online Support:** Visit the HIDevolution support portal on their official website.
- **Contact Information:** Refer to the contact details provided in your product packaging or on the HIDevolution website for phone and email support.

When contacting support, please have your laptop's model number (MSI Vector 17 HX A14VIG) and serial number ready.