

## msi RAIDER18HXA2014

# MSI Raider 18 HX AI Gaming Laptop A2XWIG-014US User Manual

Model: RAIDER18HXA2014

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your MSI Raider 18 HX AI Gaming Laptop. Please read this manual thoroughly before using the device and retain it for future reference. Adhering to the instructions will ensure optimal performance and longevity of your laptop.

### Safety Guidelines

- Always use the original power adapter and battery provided by MSI.
- Avoid exposing the laptop to extreme temperatures, direct sunlight, or high humidity.
- Do not place heavy objects on the laptop or apply excessive pressure to the screen.
- Keep liquids away from the laptop to prevent electrical short circuits.
- Do not attempt to disassemble or repair the laptop yourself. Refer to authorized service personnel.
- Ensure proper ventilation by not blocking the air vents.

## 2. WHAT'S IN THE BOX

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Upon unboxing your MSI Raider 18 HX AI Gaming Laptop, verify that all the following items are included:

- MSI Raider 18 HX AI Gaming Laptop (Model: RAIDER18HXA2014)
- Power Adapter
- Power Cord
- User Manual (this document)



*Image: The MSI Raider 18 HX AI Gaming Laptop, showcasing its open display, RGB backlit keyboard, and prominent Intel Core Ultra 9 branding. The screen displays a dynamic graphic, and the laptop's sleek black design is visible.*

### 3. PRODUCT OVERVIEW

The MSI Raider 18 HX AI A2XWIG-014US is a high-performance gaming laptop designed for demanding tasks and immersive gaming experiences. It features an 18-inch UHD+ 120Hz Mini LED display, powered by an Intel Core Ultra 9 processor and an NVIDIA GeForce RTX 5080 Laptop GPU.

#### Key Features:

- **Processor:** Intel Core Ultra 9 285HX for advanced AI and computing tasks.
- **Graphics:** NVIDIA GeForce RTX 5080 Laptop GPU for high-fidelity gaming and content creation.
- **Display:** 18-inch 4K UHD+ Mini LED display with 120Hz refresh rate for vibrant visuals.
- **Memory:** 64GB DDR5 RAM (6400 MHz) for seamless multitasking.
- **Storage:** 4TB NVMe SSD for fast boot times and ample storage.
- **Connectivity:** Wi-Fi 7 and Thunderbolt 5 for high-speed wireless and wired connections.
- **Operating System:** Windows 11 Home.
- **Cooling:** Advanced Cooler Boost 5 Technology with dedicated SSD cooling pipe.
- **Keyboard:** SteelSeries Per-Key RGB Gaming Keyboard with translucent WASD keys.
- **Security:** Fingerprint sensor for secure login.



*Image: An artistic rendering of the MSI Raider 18 HX AI laptop floating in a cosmic background, with its core specifications listed: Intel Core Ultra 9 285HX CPU, NVIDIA GeForce RTX 5080 GPU, 64GB DDR5 6400MHz Memory, and 2TB NVMe SSD Storage.*

### **Port Layout:**

The laptop is equipped with various ports for connectivity and expansion. Refer to the image below for a visual guide to the port locations.



Image: A detailed view of the left, rear, and right sides of the MSI Raider 18 HX AI laptop, illustrating the placement of its various ports. These include two Thunderbolt 5 ports (DisplayPort™/Power Delivery 3.1), an HDMI 2.1 port (8K@60Hz / 4K@120Hz), an RJ45 Ethernet port, multiple USB 3.2 Gen2 Type-A ports, an Audio Combo Jack, an SD card reader, and a Kensington Lock slot.

## 4. SETUP

### Initial Power-On and Windows Setup

1. Connect the power adapter to the laptop's DC-in port and then to a power outlet.
2. Open the laptop lid and press the power button (located on the keyboard deck).
3. Follow the on-screen instructions to complete the Windows 11 Home setup, including language, region, network connection, and user account creation.
4. It is recommended to connect to the internet during setup to download essential updates.

### Connecting Peripherals

- **USB Devices:** Connect USB mice, keyboards, or external drives to the available USB 3.2 Gen2 Type-A ports or Thunderbolt 5 ports.
- **External Display:** Use the HDMI 2.1 port or a Thunderbolt 5 port (with DisplayPort support) to

connect an external monitor.

- **Network:** For a stable wired connection, use the RJ45 Ethernet port. For wireless, connect via Wi-Fi 7 during Windows setup or through Windows settings.
- **Audio:** Connect headphones or external speakers to the Audio Combo Jack.

## 5. OPERATING

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### Power Management

- **Charging:** The laptop charges when connected to the power adapter. The battery indicator light will show charging status.
- **Battery Life:** The laptop features a 99.9 WHr battery. To optimize battery life, adjust power settings in Windows, reduce screen brightness, and close unnecessary applications.
- **Sleep/Hibernate:** Use Windows power options to put the laptop to sleep or hibernate to conserve power.

### Keyboard and Touchpad

- **SteelSeries Per-Key RGB Keyboard:** Customize the backlighting of individual keys using MSI software (e.g., MSI Center).
- **Translucent WASD Keys:** These keys are designed for enhanced visibility during gaming.
- **Touchpad:** Supports multi-touch gestures for navigation. Adjust sensitivity and gestures in Windows Touchpad settings.

### MSI AI Engine

The MSI AI Engine is designed to optimize laptop performance by sensing user scenarios (e.g., gaming, office work, battery saving) and automatically adjusting system settings for the best experience. This includes managing CPU/GPU power, fan speeds, and display settings.

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*Video: An official product video from MSI showcasing the features of the Raider 18 HX AI laptop, including its design, performance capabilities (CPU, GPU), cooling system, display, battery, and the MSI AI Engine. The video highlights the laptop's advanced technology and user experience.*

## 6. MAINTENANCE

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### Cleaning the Laptop

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner.
- Use compressed air to clear dust from keyboard keys and ventilation grilles. Ensure the laptop is powered off before cleaning.

### Battery Care

- Avoid completely discharging the battery frequently.
- If storing the laptop for an extended period, charge the battery to approximately 50-60%.
- Operating the laptop in extremely hot environments can degrade battery life.

### Software Updates

Regularly update your Windows operating system, drivers, and MSI utilities (e.g., MSI Center) to ensure optimal performance, security, and compatibility. These updates often include performance enhancements and bug fixes.

## 7. TROUBLESHOOTING

If you encounter issues with your MSI Raider 18 HX AI Gaming Laptop, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Try a different outlet.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Adjust brightness settings.
- **Performance Slowdown:** Close unnecessary applications, check for background processes, ensure sufficient free storage space, and verify that the laptop is not overheating.
- **Network Connectivity:** For Wi-Fi issues, restart your router and the laptop. For wired connections, check the Ethernet cable and router settings.
- **Audio Problems:** Check volume levels, ensure correct audio output device is selected in Windows settings, and test with headphones.

For persistent issues, consult the MSI support website or contact their customer service for further assistance.

## 8. SPECIFICATIONS

### MSI Raider 18 HX AI A2XWIG-014US Key Specifications

Feature	Detail
Brand	MSI
Model Name	Raider 18 HX AI A2XWIG-014US
Item Model Number	RAIDER18HXA2014
Operating System	Windows 11 Home
Screen Size	18 Inches
Screen Resolution	3840 x 2400 pixels (UHD+)
Max Screen Resolution	3840x2400
Processor	Intel Core Ultra 9 285HX (2.1 GHz core_i9)
RAM	64 GB DDR5 (6400 MHz)
Hard Drive	4 TB SSD (NVMe)
Graphics Coprocessor	NVIDIA GeForce RTX 5080
Graphics Card RAM Size	16 GB

Feature	Detail
Wireless Type	802.11ax (Wi-Fi 7), Bluetooth
USB 3.0 Ports	3
Special Features	Backlit Keyboard, Fingerprint Reader, HD Audio, Memory Card Slot, Numeric Keypad
Item Weight	7.94 pounds
Product Dimensions	15.91 x 1.26 x 12.09 inches
Color	Black
Batteries	1 Lithium Polymer battery (included)

## 9. WARRANTY AND SUPPORT

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Your MSI Raider 18 HX AI Gaming Laptop comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official MSI website for detailed warranty terms and conditions specific to your region.

### Contacting Support

For technical assistance, warranty claims, or service inquiries, please visit the official MSI support website or contact their customer service department. Have your product model number (RAIDER18HXA2014) and serial number ready when contacting support.

MSI Support Website: [www.msi.com/support](http://www.msi.com/support)