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› MSI Stealth 18 AI Studio Gaming Laptop User Manual (Model A1VHG-023IN)

MSI A1VHG-023IN

MSI Stealth 18 AI Studio Gaming Laptop User Manual

Model: A1VHG-023IN

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MSI Stealth 18 AI Studio gaming laptop. Please read this guide thoroughly to ensure optimal performance and longevity of your device. The MSI Stealth 18 AI Studio is designed for high-performance gaming and creative tasks, featuring advanced Intel and NVIDIA technologies.

WHAT'S IN THE BOX

Verify that all items are present upon unboxing:

- MSI Stealth 18 AI Studio Laptop
- Power Adapter
- Battery (integrated)
- MSI Laptop Bag



Image: The MSI Stealth 18 AI Studio laptop shown with its included power adapter and laptop bag.

SETUP GUIDE

1. Initial Power-Up

1. Connect the power adapter to the laptop's power input port and then to a power outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard, to turn on the laptop.

2. Operating System Setup

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

3. Software Installation

Your laptop comes pre-installed with MSI Center. This software allows you to monitor system performance, customize settings, and manage various features. It is recommended to update all drivers and software after initial setup for optimal performance.



Image: Angled view of the MSI Stealth 18 AI Studio laptop with the lid open, showcasing the keyboard and screen during initial setup.

OPERATING YOUR LAPTOP

Display Features

The MSI Stealth 18 AI Studio features a 46 cm (18-inch) 16:10 UHD+ (3840x2400) MiniLED display with a 120Hz refresh rate. It offers 100% DCI-P3 typical color gamut and is an IPS-Level panel, providing vibrant colors and wide viewing angles. The display is VESA Certified DisplayHDR 1000, Calman Verified, and supports True Color Technology for accurate color reproduction.

2,000,000 : 1



P3

K-Zone



VESA CERTIFIED
DisplayHDR™ 1000



Image: MSI Stealth 18 AI Studio laptop displaying vibrant colors, highlighting MiniLED, DisplayHDR 1000, P3, Calman Verified, and True Color technologies.

Performance and AI Capabilities

Equipped with the Intel Core Ultra 9 185H processor, featuring an integrated NPU, this laptop is optimized for accelerating AI programs and handling intensive applications efficiently. The NVIDIA GeForce RTX 4080 GPU with 12GB GDDR6 memory provides powerful graphics performance for gaming and creative workloads. The system includes 32GB DDR5 Dual Channel RAM and a 2TB NVMe PCIe Gen4x4 SSD for fast data access and multitasking.



Image: Close-up of the Intel Core Ultra 9 processor logo with a glowing chip illustration, representing the laptop's powerful CPU.

The NVIDIA Studio logo is positioned in the upper left. It features the NVIDIA logo, which consists of a green square with a white stylized eye icon, followed by the word "nVIDIA" in a bold, black, sans-serif font. Below this, the word "Studio" is written in a much larger, bold, black, sans-serif font.

nVIDIA Studio

The NVIDIA GeForce RTX Studio logo is located below the main NVIDIA Studio text. It is contained within a black rectangular box with green borders on the left and right sides. On the left side of the box is the NVIDIA logo (green square with white eye icon). To the right of the logo, the text "GEFORCE" is at the top, "RTX" is in the middle, and "Studio" is at the bottom, all in a white, bold, sans-serif font.

**GEFORCE
RTX Studio**



Image: MSI Stealth 18 AI Studio laptop with NVIDIA Studio and GeForce RTX Studio logos, indicating its graphics capabilities for creators and gamers.



Image: MSI Stealth 18 AI Studio laptop displaying a car interface, with an 'AI' logo, symbolizing its integrated artificial intelligence features.

Cooling System

The laptop utilizes a Vapor Chamber Cooler to efficiently dissipate heat, ensuring stable performance during extended gaming sessions or heavy workloads.



Image: Diagram showing the Vapor Chamber Cooler technology inside the laptop, illustrating its heat dissipation mechanism.

Audio Experience

Experience immersive audio with Dynaudio sound, Nahimic by SteelSeries audio enhancements, 6x speakers, and Hi-Res Audio support, providing rich and clear sound for gaming, movies, and music.



Image: MSI Stealth 18 AI Studio laptop with Dynaudio, Nahimic by SteelSeries, 6x Speaker, and Hi-Res Audio logos, indicating advanced sound features.

Connectivity

The laptop features Intel Killer BE Wi-Fi 7 for ultra-fast wireless internet connectivity and Bluetooth 5.5 for connecting wireless peripherals.

Ports and Interfaces

The MSI Stealth 18 AI Studio is equipped with a variety of ports for connecting external devices, including USB ports, an HDMI port, and an Ethernet port. Refer to the diagram below for port locations.



Image: Diagram illustrating the various ports on the sides of the MSI Stealth 18 AI Studio laptop, including USB, HDMI, and Ethernet.

Input Devices

The laptop includes a gaming keyboard, a responsive touchpad, a webcam with a privacy shutter, and a fingerprint reader for secure login.

- 1 Webcam Shutter
- 2 Touchpad
- 3 Ambient Mystic Light
- 4 FingerPrint Reader
- 5 Speaker Mesh



Image: Diagram of the MSI Stealth 18 AI Studio laptop with numbered callouts for Webcam Shutter, Touchpad, Ambient Mystic Light, FingerPrint Reader, and Speaker Mesh.

MAINTENANCE

Cleaning

- Use a soft, lint-free cloth to clean the screen and chassis.
- Avoid using harsh chemicals or abrasive materials.
- Periodically clean the keyboard and touchpad to remove dust and debris.
- Ensure ventilation grilles are clear of obstructions to maintain optimal airflow.

Software Updates

Regularly update your operating system, drivers, and MSI Center software to ensure system stability, security, and performance. Check for updates through Windows Update and MSI Center.

Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For optimal battery health, keep the charge level between 20% and 80% when possible.

TROUBLESHOOTING

No Power

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

Display Issues

- If the screen is blank, try connecting an external monitor to verify if the laptop is outputting a signal.
- Adjust screen brightness using the function keys.
- Ensure graphics drivers are up to date.

Network Connectivity Problems

- Verify that Wi-Fi is enabled in Windows settings.
- Restart your router and modem.
- Check for updated Wi-Fi drivers.
- If using a wired connection, ensure the Ethernet cable is properly connected.

SPECIFICATIONS

Feature	Detail
Brand	MSI
Model Name	Stealth 18 AI Studio
Model Number	A1VHG-023IN
Processor	Intel Core Ultra 9 185H (Up To 5.1GHz)
Graphics Card	NVIDIA GeForce RTX 4080, GDDR6 12GB
RAM Memory	32 GB DDR5 (16GBx2 Dual Channel), 5600 MHz (Max 96 GB)
Storage	2 TB NVMe PCIe Gen4x4 SSD
Operating System	Windows 11 Home
Display	46 cm (18-inch) 16:10 UHD+ (3840x2400), MiniLED, 120Hz, 100% DCI-P3 (Typ.), IPS-Level panel
Wireless Connectivity	Intel Killer BE Wi-Fi 7 + Bluetooth 5.5

Feature	Detail
Audio	Dynaudio, Nahimic by SteelSeries, 6x Speakers, Hi-Res Audio
Ports	Total USB Ports: 2, Total HDMI Port: 1
Webcam	Yes, Front Camera
Item Weight	2.89 Kilograms
Dimensions (L x W x Thickness)	39.9L x 28.9W x 2.3Th Centimeters
Battery	Lithium Polymer, 99.9 Watt Hours

WARRANTY AND SUPPORT

Warranty Information

Your MSI Stealth 18 AI Studio laptop comes with a **2 Years On-Site warranty**. On-Site Service is eligible for selected regions. By default, the unit comes with two-years base domestic warranty from the unit shipped date and can be corrected by contacting MSI. To validate your warranty or for self-service, please visit: <https://in.msi.com/support/nb>

Contact Support

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

Visit Us

More than 170 centres all over India

Call Us (9 to 5)

011 4748 4000

Mail Us

indiaservicenb@msi.com

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 170 centres
all over India



Call us (9 to 5)

011 4748 4000



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 and support information graphic, including options to visit, call, or email for assistance.

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