

MSI Stealth 16 AI Studio A1VGG-057IN

MSI Stealth 16 AI Studio Gaming Laptop User Manual

Model: A1VGG-057IN

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your MSI Stealth 16 AI Studio gaming laptop. Please read this manual thoroughly before operating the device and retain it for future reference. This laptop is designed for high-performance gaming and demanding creative tasks, featuring advanced AI capabilities and powerful hardware.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed below are present and undamaged:

- MSI Stealth 16 AI Studio Laptop
- Power Adapter
- MSI Laptop Bag

If any item is missing or damaged, contact your retailer immediately.

2.2 Connecting the Power Adapter

Connect the power adapter to the laptop's power input port and then plug the power cord into a grounded electrical outlet. The laptop can be used while charging, but it is recommended to fully charge the battery before first use.



Image: The MSI Stealth 16 AI Studio laptop, showcasing its sleek design and vibrant display.

2.3 Initial Boot and Operating System 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, language, creating a user account, and connecting to a network.

3. OPERATING INSTRUCTIONS

3.1 Keyboard and Touchpad

The laptop features a Per-Key RGB Gaming Keyboard by SteelSeries, allowing for customizable backlighting. The touchpad supports multi-touch gestures for navigation.



Image: The Per-Key RGB Gaming Keyboard by SteelSeries, highlighting its customizable lighting and layout.

3.2 Display

The 41cm (16-inch) QHD+ (2560 x 1600) IPS-level display offers a 240Hz refresh rate and 100% DCI-P3 color gamut for vibrant and smooth visuals.

3.3 Ports and Connectivity

The laptop is equipped with various ports for external devices and network connections:

- 1x Type-C (USB3.2 Gen2 / DisplayPort)
- 1x Thunderbolt 4 (DisplayPort/ Power Delivery 3.0)
- 1x Type-A USB3.2 Gen2
- 1x Micro SD Card Reader
- 1x HDMI 2.1 (8K @ 60Hz / 4K @ 120Hz)
- 1x RJ45 (Ethernet)



Image: A visual representation of the laptop's connectivity options, including USB-C, Thunderbolt 4, HDMI, and RJ45 ports.

3.4 Wireless Connectivity

The laptop supports Intel Killer Wi-Fi 7 BE1750(x) for high-speed wireless internet and Bluetooth 5.4 for connecting wireless peripherals.

3.5 Audio

Experience immersive audio with the Dynaudio sound system, featuring 6 speakers, Nahimic audio enhancements, and Hi-Res Audio support.



Image: The laptop's audio features, including the 6-speaker Dynaudio system, Nahimic, and Hi-Res Audio capabilities.

3.6 Camera and Security

The IR FHD type (30fps@1080p) camera with HDR and 3D Noise Reduction+ (3DNR+) supports Windows Hello for secure facial recognition login. A physical webcam shutter provides enhanced privacy.



Image: Security and privacy features, including the webcam shutter, IR camera, and Windows Hello compatibility.

4. KEY FEATURES

4.1 AI Enabled Processor

Powered by the 1st Generation Intel Core Ultra 9-185H processor, this laptop includes an integrated NPU (Neural Processing Unit) to accelerate AI programs, providing enhanced performance for AI-driven applications.



Image: The laptop featuring the Intel Core Ultra 9 processor, highlighting its AI capabilities.

4.2 NVIDIA GeForce RTX 4070 Graphics

The dedicated NVIDIA GeForce RTX 4070 GPU with 8GB GDDR6 memory delivers high-fidelity graphics and accelerated performance for gaming, content creation, and AI tasks.



Image: The laptop showcasing its NVIDIA Studio and GeForce RTX graphics capabilities.

4.3 Cooler Boost 5

The Cooler Boost 5 thermal solution features a shared-pipe design between the CPU and GPU, along with dual fans, to ensure optimal cooling performance during intensive workloads.

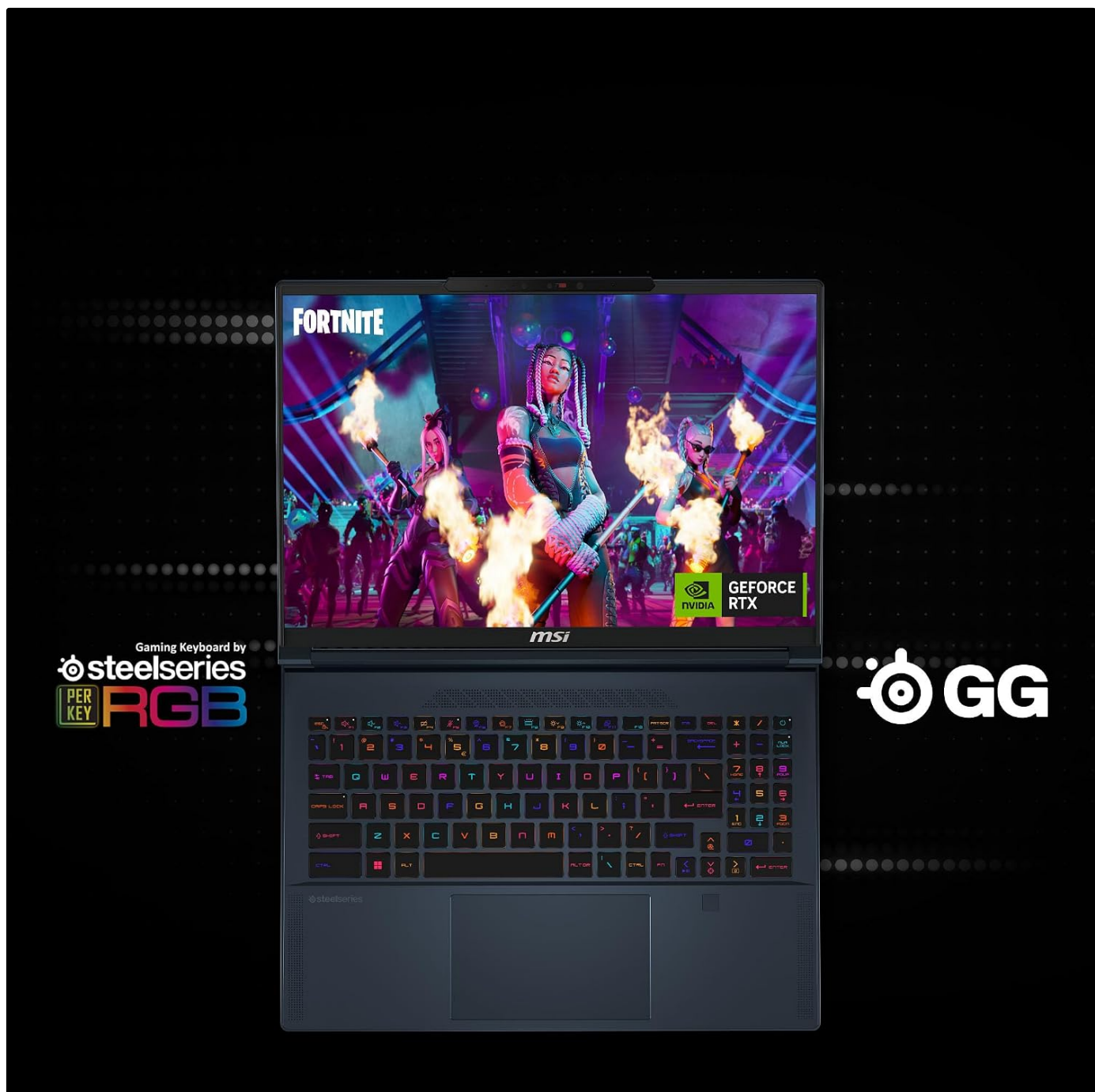


Image: A diagram explaining the Cooler Boost 5 technology with its shared-pipe design for efficient heat dissipation.

5. SPECIFICATIONS

Feature	Specification
Brand	MSI
Model Name	Stealth 16 AI Studio
Processor	Intel 1st Gen. Ultra 9 185H (Up To 5.1GHz)
Operating System	Windows 11 Pro
Display	41cm (16") QHD+ (2560 x 1600), 240Hz, 100% DCI-P3, IPS-level

Graphics Card	NVIDIA GeForce RTX 4070, GDDR6 8GB
RAM	32GB (16GBx2) DDR5 Onboard Dual Channel
Storage	2TB NVMe PCIe Gen4x4 SSD
Wireless Connectivity	Intel Killer Wi-Fi 7 BE1750(x) + Bluetooth 5.4
Ports	1x Type-C (USB3.2 Gen2 / DisplayPort), 1x Thunderbolt 4, 1x Type-A USB3.2 Gen2, 1x Micro SD Card Reader, 1x HDMI 2.1, 1x RJ45
Camera	IR FHD type (30fps@1080p) with HDR, 3DNR+
Keyboard	Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Weight	1.99 Kg
Battery	99.9 Watt Hours Lithium Polymer

6. MAINTENANCE

6.1 Cleaning Your Laptop

Regularly clean the screen with a soft, lint-free cloth and a screen-safe cleaner. Use compressed air to clear dust from keyboard keys and ventilation grilles. Avoid using harsh chemicals or abrasive materials.

6.2 Software Updates

Keep your operating system, drivers, and MSI software (e.g., MSI Center) updated to ensure optimal performance and security. Check for updates regularly through Windows Update and MSI's official website.

6.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. If storing the laptop for an extended period, ensure the battery is charged to approximately 50-60% and store it in a cool, dry place.

7. TROUBLESHOOTING

7.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected and the power outlet is functional. Try a different outlet.
- **Battery not charging:** Verify the power adapter is correctly connected. Check for any damage to the adapter or charging port.

7.2 Display Problems

- **No display:** Connect an external monitor to check if the issue is with the laptop's screen. Restart the laptop.
- **Flickering or distorted display:** Update your graphics drivers. Check display cable connections if using an external monitor.

7.3 Performance Issues

- **Slow performance:** Close unnecessary applications. Check for background processes consuming high CPU/RAM.

Ensure sufficient free storage space.

- **Overheating:** Ensure ventilation grilles are clear of obstructions. Use MSI Center to monitor temperatures and adjust fan speeds.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your MSI Stealth 16 AI Studio laptop comes with a **2 Years On-Site warranty**. This warranty covers manufacturing defects and does not cover physical, burn, or liquid damage. On-Site Service eligibility may vary by region. For detailed terms and conditions, please visit the official MSI India Website.

8.2 Validating Your Warranty

To validate your warranty and access self-service options, visit: <https://in.msi.com/support/nb>

8.3 Contact Support

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

- **Visit Us:** More than 170 service centers across India.
- **Call Us:** 011 4748 4000 (9 AM to 5 PM)
- **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's warranty and support contact details, including physical service centers, phone number, and email address.

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