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MSI STEALTH14A1091

MSI Stealth 14 AI Studio A1VFG-091US Gaming Laptop User Manual

Model: STEALTH14A1091

1. Introduction

Welcome to the user manual for your new MSI Stealth 14 AI Studio A1VFG-091US Gaming Laptop. This document provides essential information for setting up, operating, maintaining, and troubleshooting your device. The MSI Stealth 14 AI Studio is designed for high-performance computing, featuring an Intel Core Ultra 9 processor, NVIDIA GeForce RTX 4060 graphics, a 14-inch 165Hz FHD+ display, and Windows 11 Pro.
Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your laptop.

2. Package Contents

Upon unpacking your MSI Stealth 14 AI Studio laptop, please verify that all items listed below are present:

- MSI Stealth 14 AI Studio A1VFG-091US Gaming Laptop
- AC Power Adapter and Power Cord
- Documentation (Quick Start Guide, Warranty Card)

3. Product Overview

Familiarize yourself with the physical components and ports of your MSI Stealth 14 AI Studio laptop.



Figure 3.1: Front view of the MSI Stealth 14 AI Studio laptop with the screen displaying an AI-themed graphic. This shows the full display, keyboard, and touchpad.



Figure 3.2: Angled view of the MSI Stealth 14 AI Studio laptop from the left side, highlighting the slim profile and the left-side ports.



Figure 3.3: Angled view of the MSI Stealth 14 AI Studio laptop from the right side, showcasing the right-side ports and overall design.

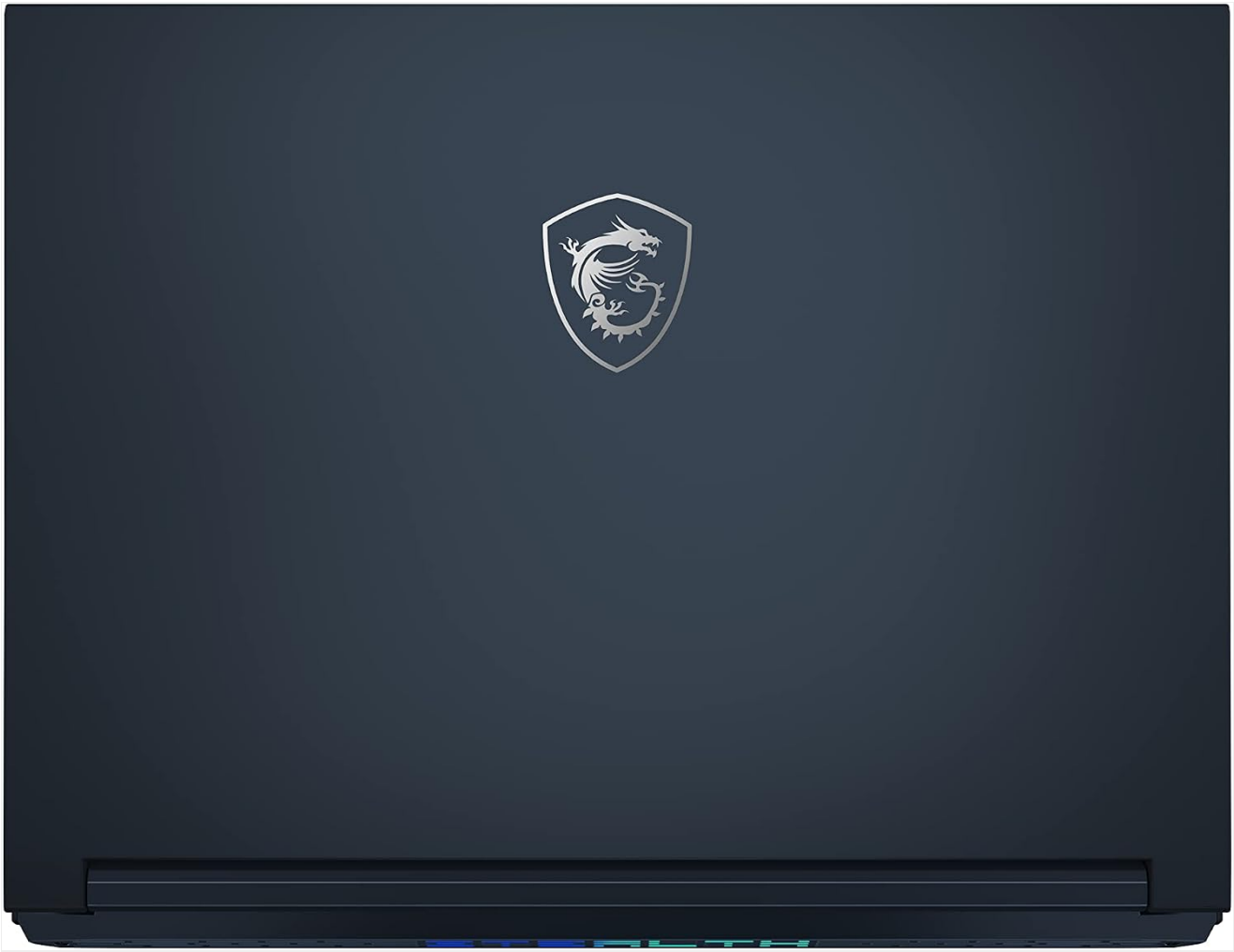


Figure 3.4: Top-down view of the MSI Stealth 14 AI Studio laptop when closed, featuring the MSI dragon logo on the lid.



Figure 3.5: Close-up view of the left side of the laptop, showing the power input, USB-A port, audio jack, and a Thunderbolt 4 (USB-C) port.



Figure 3.6: Close-up view of the right side of the laptop, displaying the Ethernet port, HDMI output, and an additional USB-C port.

4. Setup

4.1 Initial Power-On

1. Connect the AC power adapter to the laptop's power input port and then plug it into a power outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard or on the side, to turn on the laptop.
4. Follow the on-screen instructions to complete the Windows 11 Pro initial setup, including language selection, network connection, and user account creation.

4.2 Connecting Peripherals

You can connect various external devices to your laptop:

- **USB Devices:** Use the USB-A ports for mice, keyboards, or external storage.
- **Thunderbolt 4 / USB-C:** Connect compatible high-speed devices, external displays, or docking stations using the Thunderbolt 4 (USB-C) ports.
- **External Display:** Connect an external monitor via the HDMI port or a compatible USB-C port.
- **Network:** For a wired internet connection, plug an Ethernet cable into the RJ45 port.

5. Operating Your Laptop

5.1 Power Management

- **Power On:** Press the power button.
- **Shut Down:** Click the Start button, then Power > Shut down.
- **Sleep Mode:** Close the lid or click the Start button, then Power > Sleep.

5.2 Keyboard and Touchpad

Your laptop features a backlit keyboard and a precision touchpad.

- **Backlit Keyboard:** Adjust brightness or toggle the backlight using the dedicated function keys (Fn + F key combination, refer to your specific model's keyboard layout).
- **Touchpad:** Supports multi-touch gestures for navigation. Refer to Windows settings for customization.
- **Fingerprint Reader:** Utilize the integrated fingerprint reader for secure login via Windows Hello.

5.3 Display Settings

The 14-inch 165Hz FHD+ display offers a smooth visual experience.

- **Refresh Rate:** Ensure the display is set to 165Hz for optimal performance in Windows display settings.
- **Resolution:** The native resolution is 1920x1200 pixels. Adjust scaling as needed for comfort.

5.4 Network Connectivity

- **Wi-Fi:** Connect to wireless networks via the 802.11ax (Wi-Fi 6E) adapter. Access Wi-Fi settings through the Windows taskbar.
- **Bluetooth:** Pair Bluetooth devices such as headphones or mice through Windows Bluetooth settings.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your laptop.

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and chassis. For stubborn marks, dampen the cloth slightly with water or a screen cleaner. Avoid harsh chemicals.
- **Battery Care:** To prolong battery life, avoid consistently discharging the battery completely or keeping it at 100% charge for extended periods. Store the laptop in a cool, dry place.
- **Software Updates:** Regularly update Windows and device drivers (especially graphics drivers) to ensure system stability and security.
- **Storage Management:** Periodically clear unnecessary files and applications to maintain optimal storage performance.

7. Troubleshooting

This section addresses common issues you might encounter.

- **Laptop does not power on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Try a different outlet.
- **Display issues (no image, flickering):** Restart the laptop. If using an external monitor, ensure the cable is connected properly and the correct input is selected on the monitor.
- **No Wi-Fi connection:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop.
- **Slow performance:** Close unnecessary applications. Check for background updates. Ensure sufficient free storage space.
- **Keyboard or touchpad unresponsive:** Restart the laptop. Ensure no external devices are interfering.

If problems persist, consult the MSI support website or contact customer service for further assistance.

8. Specifications

Feature	Specification
Model Name	Stealth 14 AI Studio A1VFG-091US
Processor	Intel Core Ultra 9-185H (3.8 GHz)
Graphics	NVIDIA GeForce RTX 4060 (8 GB GDDR6)
Display	14-inch FHD+ (1920x1200) 165Hz
RAM	32 GB DDR5
Storage	1 TB NVMe SSD
Operating System	Windows 11 Pro
Wireless Connectivity	802.11ax (Wi-Fi 6E), Bluetooth
Ports	2x USB 3.0 (Type-A), 1x Thunderbolt 4 (USB-C), 1x USB-C, 1x HDMI, 1x Ethernet (RJ45), 1x Audio Combo Jack
Special Features	Backlit Keyboard, Fingerprint Reader
Dimensions (LxWxH)	12.4 x 0.75 x 9.69 inches
Weight	3.75 pounds

9. Warranty and Support

Your MSI Stealth 14 AI Studio laptop comes with a limited warranty. Please refer to the warranty card included in your package for detailed terms and conditions, including coverage period and limitations.
For technical support, driver downloads, and further assistance, please visit the official MSI support website: www.msi.com/support
When contacting support, please have your laptop's model number (STEALTH14A1091) and serial number ready.

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