

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Razer](#) /
- › [Razer Blade 14 \(2024\) Gaming Laptop User Manual: AMD Ryzen 9 8945HS, NVIDIA GeForce RTX 4070](#)

Razer RZ09-05081ED3-R3U1

Razer Blade 14 (2024) Gaming Laptop User Manual

MODEL: RZ09-05081ED3-R3U1

Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Razer Blade 14 (2024) Gaming Laptop. Please read this guide thoroughly to ensure optimal performance and longevity of your device.



Image: The Razer Blade 14 (2024) Gaming Laptop, showcasing its sleek design and illuminated keyboard.

What's in the Box

- Razer Blade 14 Laptop
- Power adapter + regional power cord
- Micro-fiber cleaning cloth
- Important Product Information Guide

Setup

1. **Unboxing:** Carefully remove the laptop and all accessories from the packaging.
2. **Connect Power:** Plug the power adapter into a wall outlet and then connect it to the laptop's charging port. Allow the battery to charge fully before initial use.
3. **Initial Power On:** Open the laptop lid and press the power button. Follow the on-screen instructions to complete the Windows 11 setup process. This includes selecting your region, connecting to a network, and creating a user account.
4. **Software Updates:** After initial setup, connect to the internet and check for Windows updates and Razer Synapse software updates to ensure all drivers and firmware are current.



Operating Your Razer Blade 14

Power Management

The Razer Blade 14 is designed for portability with an average battery life of up to 8 hours. For optimal performance, especially during demanding tasks like gaming, ensure the laptop is connected to the power adapter.

Display

The 14-inch QHD+ 240Hz HDR display offers high resolution and a fast refresh rate. It is Calman Verified for professional-grade color accuracy, suitable for both gaming and creative work.

Image: A Razer Blade 14 laptop set up on a desk with external peripherals.

NVIDIA GEFORCE RTX 4070 GRAPHICS

Fully powered up to 140 W TGP



Image: Close-up of the Razer Blade 14's Calman Verified display, highlighting its color accuracy.

Performance

Equipped with an AMD Ryzen 9 8945HS CPU and NVIDIA GeForce RTX 4070 GPU, the laptop delivers high performance for gaming and productivity. The system includes 32GB of 5600MHz DDR5 RAM and a 1TB SSD for fast data access and multitasking. Advanced vapor chamber cooling helps maintain thermal efficiency during intensive use.

AMD RYZEN 9 8945HS

AI-Accelerated Performance

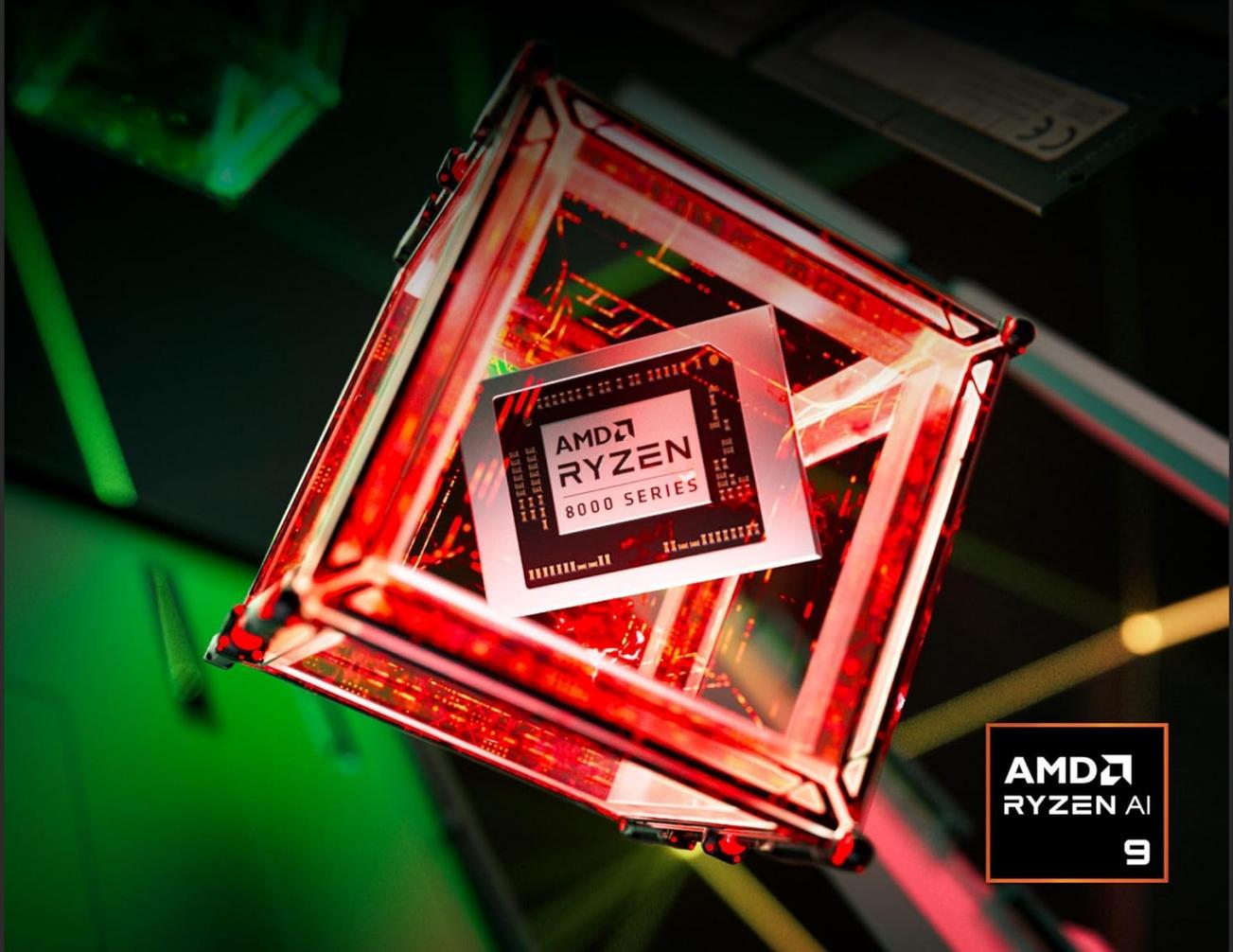


Image: A detailed view of the AMD Ryzen 9 8945HS processor.

THE MOST PORTABLE RAZER BLADE

Compact. Light. Long-Lasting.



Image: The Razer Blade 14 running a graphically intensive game, highlighting the NVIDIA GeForce RTX 4070 GPU.

Connectivity

The laptop features a range of ports for connecting peripherals and external displays, along with advanced wireless capabilities.

- 2x Type-C USB4 (Up to 100 W charging via PD3.0)
- 2x USB-A 3.2 Gen 2
- 1x HDMI 2.1
- 1x 3.5 mm Combo Audio Jack
- Qualcomm NCM865 Wi-Fi 7
- Bluetooth

Maintenance

- **Cleaning:** Use the provided micro-fiber cloth to gently clean the screen and chassis. Avoid harsh chemicals.
- **Software Updates:** Regularly check for and install operating system updates, driver updates, and Razer Synapse software updates to ensure system stability and security.

- **Battery Care:** To prolong battery life, avoid consistently discharging the battery completely or leaving it fully charged for extended periods. Store the laptop in a cool, dry place.
- **Storage/RAM Upgrades:** The laptop features expandable DDR5 memory. Refer to official Razer documentation or a qualified technician for safe upgrade procedures.

Troubleshooting

If you encounter issues with your Razer Blade 14, consider the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light.
- **Display Issues:** If the screen is blank or flickering, try connecting an external monitor to verify if the issue is with the laptop's display or the graphics output. Update graphics drivers.
- **Performance Lag:** Close unnecessary applications, check for background processes, ensure drivers are updated, and monitor system temperatures.
- **Connectivity Problems:** For Wi-Fi or Bluetooth issues, restart the laptop and your router/Bluetooth device. Ensure drivers are installed and updated.
- **System Instability:** Perform a system restart. If issues persist, consider running system diagnostics or contacting support.

For more detailed troubleshooting or persistent issues, please visit the official Razer Support website.

Specifications

Feature	Detail
Brand	Razer
Model Name	Razer Blade 14
Item Model Number	RZ09-05081ED3-R3U1
Operating System	Windows 11
Processor	AMD Ryzen 9 8945HS (2.4 GHz)
RAM	32 GB DDR5 (5600 MHz)
Hard Drive	1 TB SSD (PCIe x 4)
Graphics Coprocessor	NVIDIA GeForce RTX 4070 (8 GB GDDR6)
Screen Size	14 inches
Screen Resolution	2560 x 1440 pixels (QHD+)
Max Screen Resolution	2560x1600 Pixels
Wireless Type	802.11a/b/g/n/ac, Bluetooth (Qualcomm NCM865 Wi-Fi 7)
USB Ports	2x Type-C USB4, 2x USB-A 3.2 Gen 2

Feature	Detail
HDMI Port	1x HDMI 2.1
Audio Jack	3.5 mm Combo Audio Jack
Average Battery Life	8 Hours
Item Weight	8.03 pounds
Product Dimensions	12.59 x 8.66 x 0.66 inches
Color	Classic Black

Warranty and Support

Your Razer Blade 14 (2024) Gaming Laptop is covered by a limited manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the Important Product Information Guide included with your product or visit the official Razer website.

For technical assistance, driver downloads, and frequently asked questions, please visit the [Razer Support Page](#). You can also find additional resources and community forums there.

Related Documents - RZ09-05081ED3-R3U1

	<p>Razer Blade 18 Master Guide: Setup, Configuration, and Features</p> <p>Comprehensive guide for the Razer Blade 18 laptop, covering setup, driver installation, system configuration with Razer Synapse, safety guidelines, and technical specifications.</p>
	<p>Razer Blade 14 Master Guide: Setup, Features, and Safety</p> <p>Comprehensive guide for the Razer Blade 14 laptop, covering setup, driver installation, feature configuration, safety guidelines, and warranty information. Learn to optimize performance and customize your gaming experience.</p>
	<p>Razer Blade 18 Master Guide: Setup, Features, and Software Configuration</p> <p>A comprehensive guide to setting up, configuring, and utilizing the Razer Blade 18 laptop, detailing hardware features, Razer Synapse software functionalities, safety guidelines, and maintenance tips.</p>



[Razer Raptor 27 Gaming Monitor Master Guide](#)

Comprehensive master guide for the Razer Raptor 27 gaming monitor, covering setup, features, specifications, software configuration, and safety.



[Razer Blade 14 Master Guide: Setup, Configuration, and Features](#)

Comprehensive master guide for the Razer Blade 14 laptop, covering setup, Razer Synapse configuration, keyboard features, lighting effects, performance settings, safety, and legal information.



[Razer Blade Stealth 13.3" User Manual](#)

User manual for the Razer Blade Stealth 13.3" laptop (Model Number: RZ09-0239), covering package contents, registration, technical support, device layout, setup, internet connection, Razer Synapse, lighting configuration, status indicators, keyboard features, safety, maintenance, and FCC compliance.