

Manuals+

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

manuals.plus /

- › [ASUS](#) /
- › [ASUS ROG Strix SCAR 16 \(2025\) Gaming Laptop User Manual](#)

ASUS G635LX-XS97

ASUS ROG Strix SCAR 16 (2025) Gaming Laptop User Manual

Model: G635LX-XS97

Brand: ASUS

INTRODUCTION

The ASUS ROG Strix SCAR 16 (2025) Gaming Laptop is engineered for unparalleled gaming performance. It features an Intel Core Ultra 9 275HX processor and an NVIDIA GeForce RTX 5090 Laptop GPU, complemented by an advanced ROG Intelligent Cooling system. The laptop boasts a 2.5K ROG Nebula HDR Display with a 240Hz refresh rate, ensuring breathtaking visuals. Designed for easy upgrades with tool-less access, this manual provides essential information for setup, operation, maintenance, and troubleshooting.



The ASUS ROG Strix SCAR 16 (2025) Gaming Laptop, showcasing its sleek design and RGB lighting.

SETUP

What's in the Box

- G635LX-XS97 Laptop
- Power Cord and Adapter
- User Guide

Initial Power On

Before first use, ensure the laptop is connected to a power outlet using the provided power adapter. Open the laptop lid. The system may automatically power on or require you to press the power button, typically located on the keyboard deck. Follow the on-screen instructions to complete the initial Windows 11 Pro setup, including language selection, network connection, and user account creation.

BEST-IN-CLASS PERFORMANCE

Windows 11 Pro
OS

Intel® Core™
Ultra 9 275HX
Processor

NVIDIA® GeForce
RTX 5090
Laptop GPU

NVIDIA®
Advanced Optimus

32GB
DDR5 Memory

2TB PCIe 4.0
SSD Storage

THE NEED FOR SPEED
THE NEED FOR SPEED
THE NEED FOR SPEED
THE NEED FOR SPEED

The laptop open, ready for initial setup and use.

OPERATING YOUR LAPTOP

Performance Modes

The ROG Strix SCAR 16 features an Intel Core Ultra 9 275HX processor and an NVIDIA GeForce RTX 5090 Laptop GPU, delivering best-in-class performance. Utilize the MUX Switch with Advanced Optimus to optimize gaming performance by routing frames directly from the dGPU, or improve battery life by automatically switching between the iGPU and dGPU.



ROG NEBULA HDR™

Mini LED
Panel

Over
2000
Dimming Zones

2.5K 240Hz/3ms

ACR
Technology

1200 nits
Peak Brightness

100%
DCI-P3

Nebula HDR Engine

VESA CERTIFIED
DisplayHDR™ 1000



Visual representation of the laptop's core performance components.

Display Features

Experience breathtaking visuals on the ROG Nebula HDR Display. This 2.5K panel offers a 240Hz refresh rate and 100% DCI-P3 color accuracy, enhanced by dual ACR anti-reflective coating for a clear view from any angle.

ROG INTELLIGENT COOLING™

End-to-end
Vapor Chamber

Sandwiched
Heatsink

Tri-Fan
Technology

Conductionaut Extreme
Liquid Metal

0dB
Ambient Cooling



Key features of the ROG Nebula HDR display, including Mini LED and 240Hz refresh rate.

Cooling System

The state-of-the-art ROG Intelligent Cooling system ensures optimal performance under intense workloads. It features an end-to-end vapor chamber, a sandwiched heatsink, a Tri-fan design, and Conductionaut Extreme liquid metal applied to the chipset for efficient heat dissipation.

PIT STOP LIKE UPGRADABILITY

Tool-less Access
Design

32GB
DDR5 Memory

2TB PCIe 4.0
SSD

Q-LATCH
System

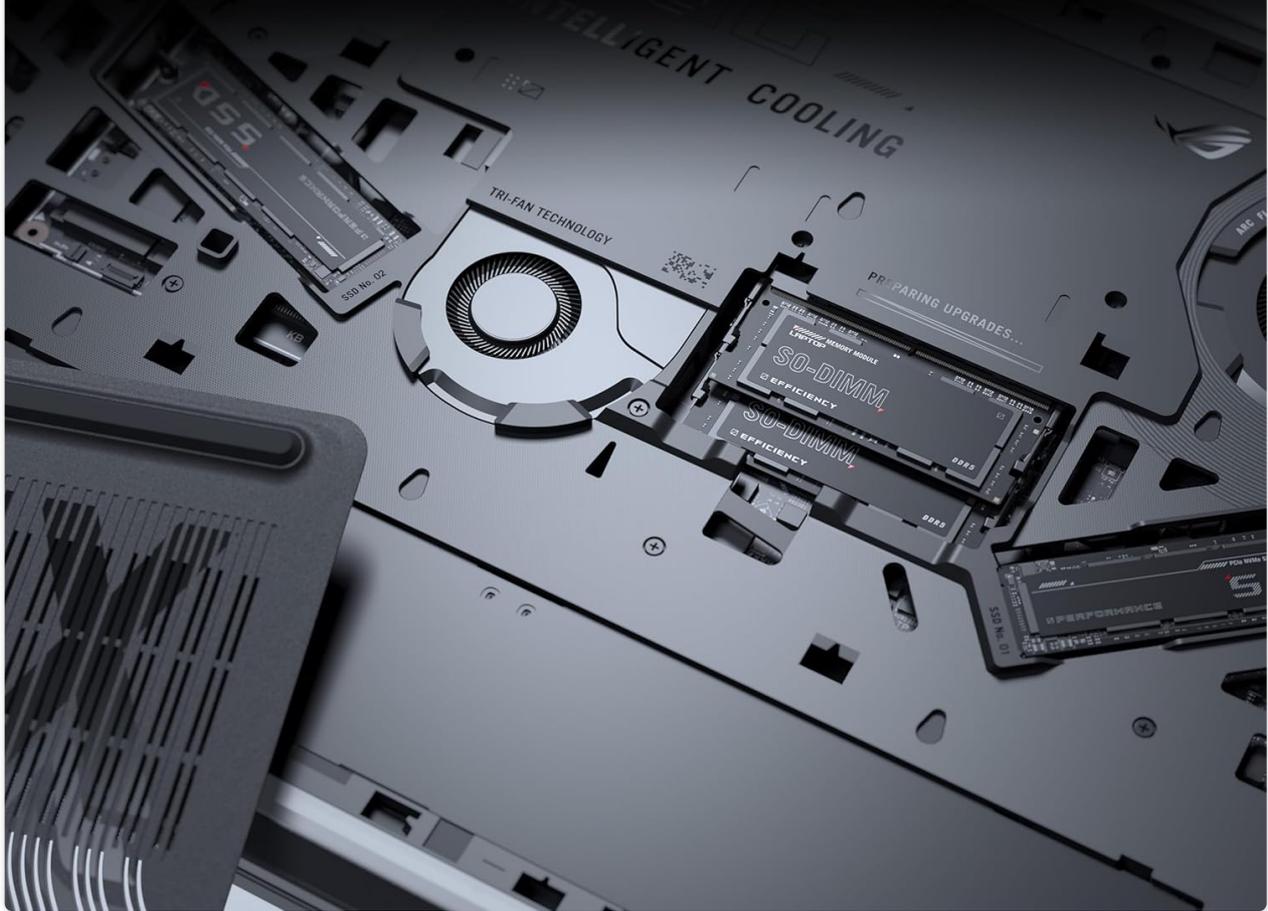


Diagram illustrating the advanced ROG Intelligent Cooling components.

Storage and Memory

The laptop comes with 32GB of DDR5-5600MHz memory for seamless multitasking and a 2TB PCIe Gen 4 SSD, offering raw throughput up to 7,000MB/s for fast game loading and data access.

PRESS THE ATTACK

Aura Sync
Technology

Per-Key
RGB

Full-Size
Keyboard

Gaming
Hotkeys

Touchpad-based
NumberPad



Internal view highlighting the SSD and RAM slots for easy upgrades.

Customization and Features

Personalize your laptop with the customizable AniMe Vision on the lid, displaying text, animations, or GIFs. The full-surround RGB light bar creates a striking 360° glow, while Stealth Mode allows you to turn off all lighting for a professional look.



The laptop's keyboard featuring per-key RGB lighting and a touchpad with integrated NumberPad functionality.

Connectivity

The ROG Strix SCAR 16 supports Wi-Fi 7 for high-speed wireless connectivity and includes multiple USB 3.0 ports for connecting peripherals.



Left side view of the laptop, showing various connectivity ports.



Right side view of the laptop, showing additional connectivity ports.

MAINTENANCE

Cleaning

Regularly clean the laptop's screen with a microfiber cloth and a screen-safe cleaning solution. Use compressed air to clear dust from the keyboard and ventilation grilles. Ensure the laptop is powered off and

unplugged before cleaning.

Upgrades

The ROG Strix SCAR 16 offers tool-less access for easy upgrades. Simply slide a latch on the bottom half of the device to access and customize RAM, SSD, and fans. A removable frame protects other hardware while providing deeper access for advanced users.



Illustration of the tool-less access mechanism for upgrading internal components.

TROUBLESHOOTING

Common Issues and Solutions

- **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 or flickering, try connecting an external monitor to verify if the issue is with the laptop's display or the graphics card. Update graphics drivers.
- **Performance Slowdown:** Check for background applications consuming resources. Ensure drivers are up to date. Monitor temperatures to prevent thermal throttling.
- **Connectivity Problems:** For Wi-Fi issues, restart your router and the laptop. Ensure Wi-Fi drivers are installed and updated.

For persistent issues, refer to the ASUS support website or contact their customer service.

TECHNICAL SPECIFICATIONS

Feature	Specification
---------	---------------

Model Number	G635LX-XS97
Screen Size	16 Inches
Screen Resolution	2560 x 1600 pixels
Processor	Intel Core Ultra 9 275HX (5.4 GHz)
RAM	32GB DDR5
Hard Drive	2TB PCIe Gen 4 SSD
Graphics Card	NVIDIA GeForce RTX 5090 Laptop GPU (Dedicated)
Operating System	Windows 11 Pro
Wireless Type	Wi-Fi 7 (802.11ax)
USB Ports	3 x USB 3.0 Ports
Item Weight	6.28 pounds
Product Dimensions	13.94 x 0.9 x 10.55 inches

WARRANTY AND SUPPORT

Every ROG laptop includes a 12-month warranty as standard, offering expert support, thorough diagnostics, and genuine parts if a repair is needed. Additionally, a 90-day warranty is provided on all warranty replacement parts.

Your purchase also includes a free 3-month PC Game Pass, granting access to over 100 high-quality games. For further assistance, technical support, or warranty claims, please visit the official ASUS support website or contact their customer service.

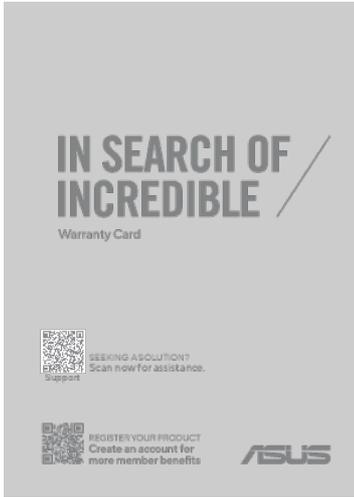
You can find more information and support at the [ASUS Store on Amazon](#).

© 2025 ASUS. All rights reserved.

Related Documents - G635LX-XS97

	<p>ASUS NUC 14 Performance: Powerful Mini PC for Business, AI, and Creators</p> <p>Explore the ASUS NUC 14 Performance, a compact and powerful mini PC featuring Intel® Core™ Ultra processors and NVIDIA® GeForce RTX™ 40 series graphics. Ideal for AI, business, STEM, and creative professionals, offering high performance, multiple 4K display support, and extensive connectivity.</p>
---	---

	<p>ASUS Dual GeForce RTX 4060 Ti SSD Motherboard Compatibility List</p> <p>This document provides a comprehensive list of compatible ASUS motherboards for the Dual GeForce RTX 4060 Ti SSD, detailing PCIe lane configuration requirements and BIOS settings for optimal performance.</p>
	<p>Panduan Produk ASUS Q1 2022: Laptop Zenbook, Vivobook, ROG, Expertbook</p> <p>Jelajahi ASUS Product Guide Q1 2022, menampilkan rangkaian laptop inovatif ASUS seperti Zenbook, Vivobook, ROG, dan Expertbook. Temukan teknologi terbaru, desain premium, dan performa unggul untuk setiap kebutuhan.</p>
	<p>ASUS ROG Strix Z690-I Gaming WiFi Motherboard User Manual</p> <p>Comprehensive user guide for the ASUS ROG Strix Z690-I Gaming WiFi motherboard, covering installation, basic setup, BIOS configuration, and technical specifications for Intel 12th Gen processors.</p>
	<p>ASUS ZenBook Duo 14 (UX482) and ASUS Product Guide</p> <p>Discover the latest ASUS laptops and computing devices, including the innovative ZenBook Duo 14 (UX482), VivoBook, ExpertBook, and ProArt series. This guide provides product details, specifications, warranty, and service information.</p>
	<p>ASUS Product Guide 2020: ZenBook, VivoBook, and Laptop Series Specs & Warranty</p> <p>Explore the ASUS Product Guide for October-December 2020, featuring the latest ZenBook, VivoBook, and Laptop series. Discover detailed specifications, features, warranty information, and store locations for ASUS's innovative range of notebooks.</p>



[pdf] Warranty

v1content abt documents 171259 asus laptop S5606CA MS96 warranty v1v1content warrantycontent
171274 ASUS ROG Strix G16 G615 Gaming Laptop 16 inch Intel Core i9 14900HX 16GB RAM 1TB SSD
NVIDIA GeForce RTX 5060 in Eclipse Gray WarrantyWarrantyWarrantyASUS G615JMR DS94
197105881761ASUS G18 G814 AMD Ryzen 9 8940HX G814PP DS94ASUS DS94v1v1v1v1v1content
WarrantyASUS SCAR Inch Ultra 275HX 32GB 2TB 5090 Black G635LX XS97 197105922792ASUS
DS94v1v1v1v1v1v1content 170350 gaming G635LW DS94v1v1v1v1v1v1v1content 18 5070 Ti G835LR
XS96 197105922860ASUS DS94v1v1v1v1v1v1v1v1v1content DS94v1v1v1v1v168188846
warrantyv1v1v1v168188846 warrantynfm on demandware static Library Sites NFMSHaredLibrary default
dwfc0452f7 product s 068 68188846 WarrantyScan now for assistanceWarrantyWarrantyASUS
DS94v1v1v168188846 warrantyv1v168188846 assistanceWarrantyWarrantyWarrantyASUS
XS97v1v1v168188846 warrantyv1v1v168188846 |||

...

lang: score:9 filesize: 177.73 K page_count: 0 document date: