

ASUS ROG Strix Arion ESD-S1C

ASUS ROG STRIX Arion M.2 NVMe SSD External Enclosure User Manual

Model: ROG Strix Arion ESD-S1C

1. INTRODUCTION

The ASUS ROG STRIX Arion is a high-performance external enclosure designed for M.2 NVMe SSDs, offering fast data transfer speeds via USB 3.2 Gen 2 Type-C. Its robust aluminum alloy construction and thermal pads ensure efficient heat dissipation, maintaining optimal performance. This manual provides detailed instructions for setting up, operating, and maintaining your device.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- ROG Strix Arion portable Enclosure
- Pin Ejector
- USB-C to USB-C Cable
- USB-C to USB-A cable
- R Hook and Protective holder





Image 2.1: The ASUS ROG STRIX Arion enclosure, cables, pin ejector, and protective holder as included in the package.

3. FEATURES

- **USB Type-C 3.2 Gen 2:** Provides data transfer speeds up to 10 Gbps.

- **M.2 NVMe SSD Support:** Compatible with 2230/2242/2260/2280 form factor M.2 PCIe NVMe SSDs.
- **Dual Cables Included:** Comes with one USB Type-C to Type-C cable and one USB Type-C to Type-A cable for broad compatibility.
- **Aluminum Alloy ROG Case with Thermal Pads:** Designed for aggressive heat dissipation to keep M.2 drives cool.
- **ASUS Aura Sync RGB Lighting:** Customizable RGB lighting effects that can synchronize with other Aura Sync enabled products.
- **Screwdriver-Free Installation:** Easy and quick SSD installation without the need for tools.

Support M.2 PCIe NVMe Express® SSD

M key/B+M Key

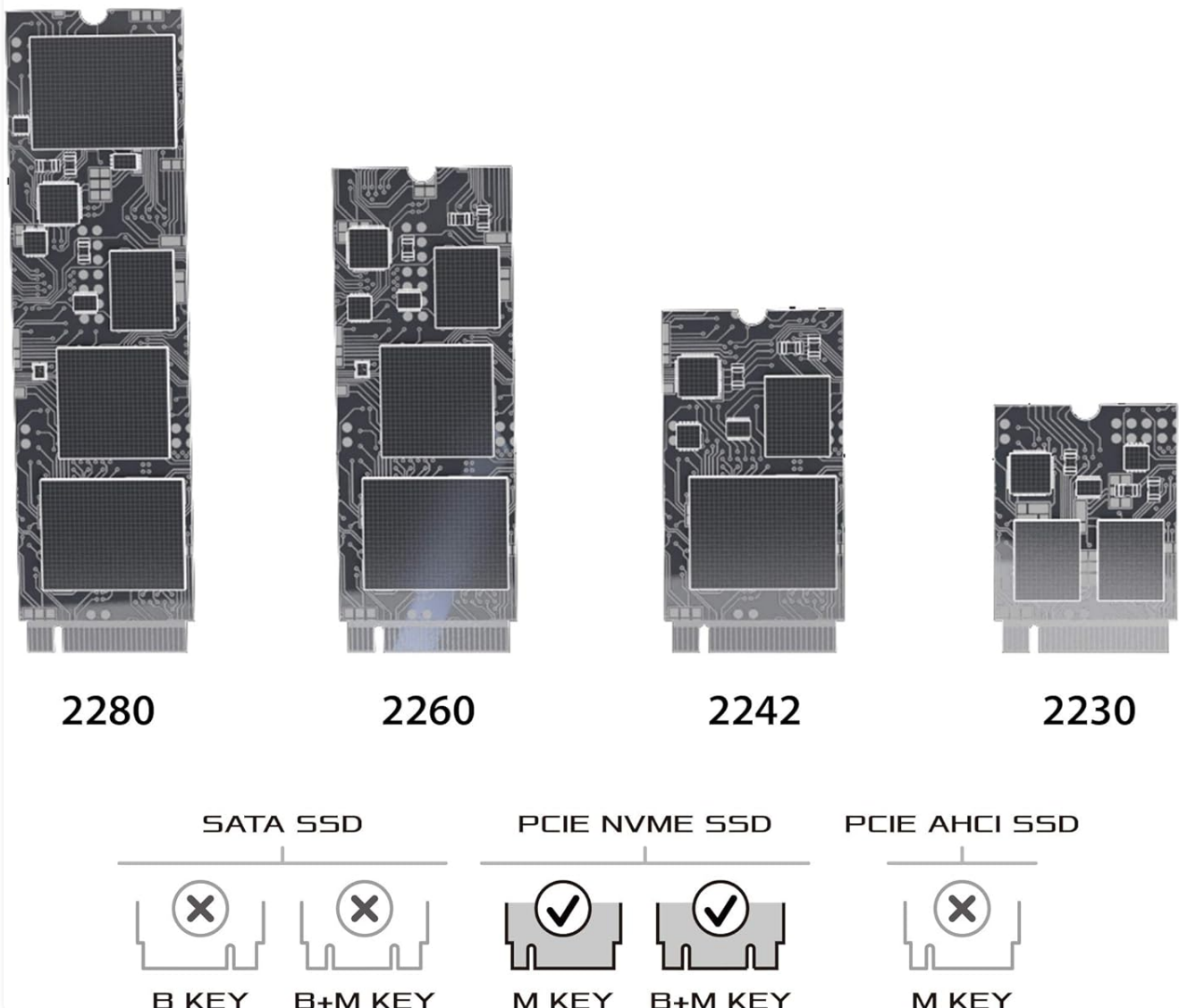


Image 3.1: The enclosure supports USB 3.2 Gen 2 Type-C for speeds up to 10 Gbps.

USB-C™ 3.2 Gen 2

Up to
10 Gbps



Image 3.2: Supported M.2 PCIe NVMe SSD sizes and key types (M key/B+M key).

Aggressive Heat Dissipation

Aluminum Alloy Case and Thermal Pads Included



Image 3.3: Internal view of the enclosure highlighting the thermal pads and aluminum alloy construction for heat dissipation.

4. SETUP INSTRUCTIONS

4.1. Opening the Enclosure

1. Locate the small pinhole on the side of the enclosure, near the USB-C port.
2. Insert the included pin ejector (or a similar thin tool) into the pinhole and gently press until the enclosure cover releases.
3. Carefully slide the cover off to reveal the internal M.2 slot.

Screwdriver-Free Design

Pin-Design and Thumbscrew-Installation



Image 4.1: The screwdriver-free design allows for easy opening using the provided pin ejector.

Video 4.1: Demonstration of opening the ASUS ROG STRIX Arion enclosure using the pin ejector.

4.2. Installing the M.2 NVMe SSD

1. Ensure your M.2 NVMe SSD is compatible with the enclosure (2230/2242/2260/2280 form factors, M Key/B+M Key).
2. Gently insert your M.2 NVMe SSD into the M.2 slot at an angle.
3. Push down the SSD until it is flat and align the screw hole.
4. Secure the SSD using the provided thumbscrew. Ensure the thermal pads are correctly positioned to make

contact with the SSD for optimal cooling.

Cool Under Pressure

Aluminum Alloy Case with Thermal Pads efficiently dissipates heat, keeping your M.2 running cool

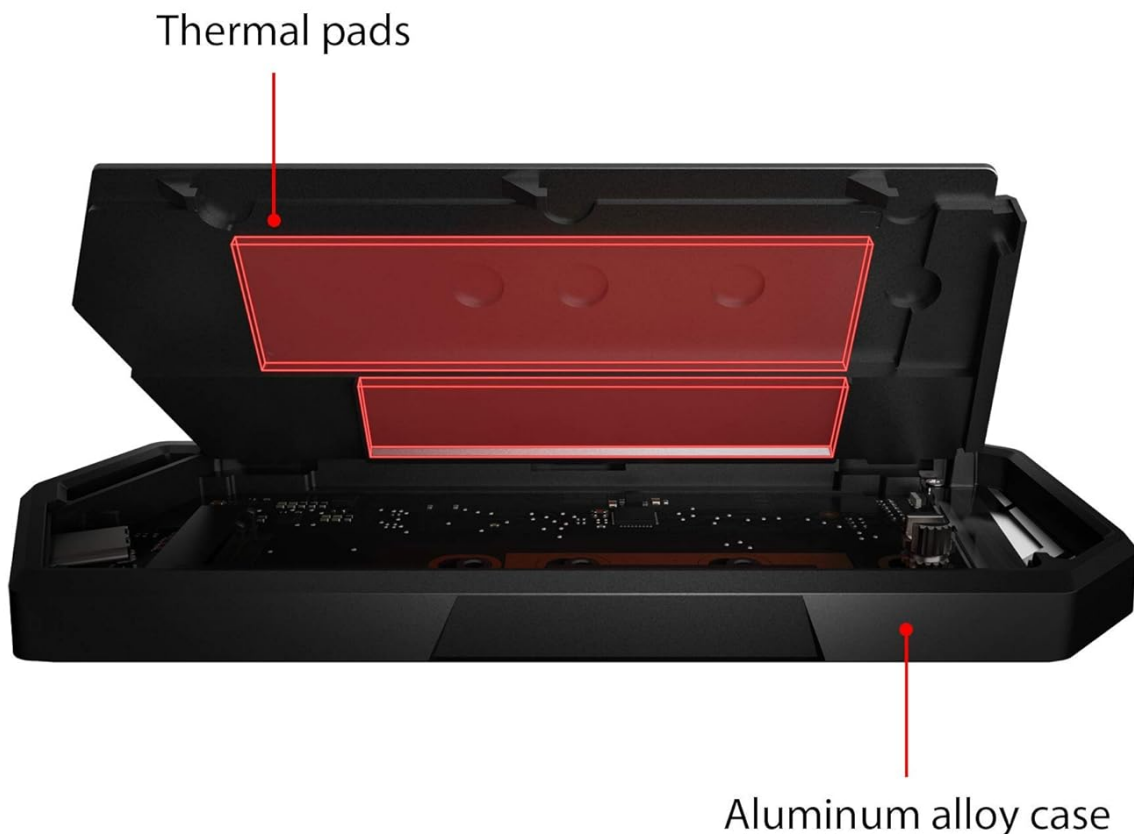


Image 4.2: The internal layout of the enclosure, showing the M.2 slot and thermal pads for SSD installation.

Video 4.2: Step-by-step guide on installing an M.2 NVMe SSD into the enclosure.

4.3. Closing the Enclosure

1. Align the enclosure cover with the main body.
2. Slide the cover back into place until it clicks securely.

Video 4.3: Demonstration of securely closing the enclosure after SSD installation.

5. OPERATING INSTRUCTIONS

5.1. Connecting to a Device

1. Use the provided USB-C to USB-C cable or USB-C to USB-A cable to connect the enclosure to your computer or compatible device.
2. Ensure the connection is secure for optimal performance.

Dual USB-C to C and USB-C to A cables

Robust Connectivity



USB-C to C cable

USB-C to A cable

Image 5.1: The two types of USB cables included for versatile connectivity.

Video 5.1: Connecting the enclosure to a laptop and observing the RGB lighting.

5.2. Initializing and Formatting the SSD

For a new M.2 NVMe SSD, it must be initialized and formatted before use. The process varies slightly depending on your operating system (Windows or macOS).

1. Connect the enclosure to your computer.
2. **For Windows:** Open Disk Management, find the unallocated drive, initialize it (GPT partition style recommended), and then create a new simple volume with your preferred file system (e.g., NTFS for Windows, exFAT for cross-platform compatibility).
3. **For macOS:** Open Disk Utility, select the external drive, and click 'Erase'. Choose a format (e.g., APFS for macOS, exFAT for cross-platform compatibility) and a scheme (GUID Partition Map).

Video 5.2: Formatting the SSD on a Mac for cross-platform compatibility (exFAT).

5.3. ASUS Aura Sync RGB Lighting

The enclosure features customizable RGB lighting. Connect the device to an Aura Sync compatible system to personalize lighting effects through the ASUS Aura Sync software.

ASUS Aura Sync Lighting and Hanging Protective Holder



Image 5.2: The enclosure displaying its vibrant Aura Sync RGB lighting.

Video 5.3: The enclosure's RGB lighting cycling through colors when connected.

6. MAINTENANCE

- Keep the enclosure clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures or humidity.
- Do not attempt to disassemble the enclosure beyond the SSD installation process, as this may void the warranty.

7. TROUBLESHOOTING

- **Device not recognized:** Ensure the USB cable is securely connected to both the enclosure and your

computer. Try a different USB port or cable. Verify the SSD is correctly installed inside the enclosure.

- **Slow transfer speeds:** Ensure you are using a USB 3.2 Gen 2 compatible port and cable. The performance of the M.2 NVMe SSD itself also affects speeds.
- **Enclosure feels warm:** This is normal during operation, especially during large data transfers, due to the aluminum alloy's heat dissipation properties. If it becomes excessively hot, ensure proper ventilation.
- **RGB lighting not working:** Ensure the enclosure is properly connected. If using Aura Sync, verify the software is installed and configured correctly.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	7.1 x 3.8 x 1.6 inches
Item Weight	3.46 ounces
ASIN	B07ZKB4SLK
Item Model Number	ROG Strix Arion ESD-S1C
Hard Disk Interface	USB 3.2
Connectivity Technology	USB
Brand	ASUS
Special Feature	Portable
Compatible Devices	Laptop

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ASUS website or contact ASUS customer service. Keep your purchase receipt for warranty claims.



Comprehensive user manual for the ASUS ROG Strix Arion ESD-S1C external SSD enclosure. Learn about its features, specifications, connectivity, and important safety information.



This document provides a quick start guide for the ASUS ROG STRIX Power Supply Unit, covering installation, safety precautions, and product features. It includes multilingual quick start information and compliance details.



Explore the features and specifications of the ASUS ROG Strix 1200W Platinum power supply unit, including GaN MOSFET, Intelligent Voltage Stabilizer, ROG Heatsinks, ATX 3.1 compatibility, and 10-year warranty.



Explorați manualul electronic complet pentru notebook-ul ASUS ROG Strix SCAR 18 (2023) G834.
Descoperiți ghiduri detaliate despre configurarea hardware, utilizarea sistemului Windows, sfaturi de întreținere și soluții de depanare.



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.



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PART C. Hardware Periphery Compatibility

1. Hard Drives

1.1. HDD Devices

Type	Model
SATA 6G	HGST
	HER72048ALLE14
	ST1000NM004
	ST1000NM004
	Seagate
	ST1000DM004
	ST1000DM004
	ST1000NM004
	ST1000NM004
	TOSHIBA
PC1000NM0011TB	
PC1000HM0011TB	
WD	
WD1000FVZ	
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Hardware Periphery Compatibility		
1. Hard Drives		
1.1. HDD Devices		
Type	Model	
HGST	HGST	HDS721010DLE630
		HDS721050DLE630
		HDS724040ALE640
		HUH728080ALE600
Seagate	Seagate	HDN726060ALE610
		HDN726060ALE614
		ST500DM002
		ST1000DM003
SATA 6G	Seagate	ST3000DM001
		ST3000DM001
		ST1000LM014
		ST1000DM001
TOSHIBA	TOSHIBA	ST1000NM003
		ST1000NM003
		ST2000NM004
		ST1000NM004
WD	WD	WD1000FZEX
		WD1000FZEX
		WD1000FZEX
		WD1000FZEX

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PART C. Hardware Periphery Compatibility		
1. Hard Drives		
1.1. HDD Devices		
Type	Model	
HGST	HGST	HDS721010DLE630
		HDS721050DLE630
		HDS724040ALE640
		HUH728080ALE600
Seagate	Seagate	HDN726060ALE610
		HDN726060ALE614
		ST500DM002
		ST1000DM003
SATA 6G	Seagate	ST3000DM001
		ST3000DM001
		ST1000LM014
		ST1000DM001
TOSHIBA	TOSHIBA	ST1000NM003
		ST1000NM003
		ST2000NM004
		ST1000NM004
WD	WD	WD1000FZEX
		WD1000FZEX
		WD1000FZEX
		WD1000FZEX

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PART C. Hardware Periphery Compatibility		
1. Hard Drives		
1.1. HDD Devices		
Type	Model	
HGST	HGST	HDS721010DLE630
		HDS721050DLE630
		HDS724040ALE640
		HUH728080ALE600
Seagate	Seagate	HDN726060ALE610
		HDN726060ALE614
		ST500DM002
		ST1000DM003
SATA 6G	Seagate	ST3000DM001
		ST3000DM001
		ST1000LM014
		ST1000DM001
TOSHIBA	TOSHIBA	ST1000NM003
		ST1000NM003
		ST2000NM004
		ST1000NM004
WD	WD	WD1000FZEX
		WD1000FZEX
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		WD1000FZEX

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[ASUS ROG Strix Arion ESD-S1C User Manual - Features, Specifications, and Safety](#)

Comprehensive user manual for the ASUS ROG Strix Arion ESD-S1C external SSD enclosure. Learn about its features, specifications, connectivity, and important safety information.

lang:en score:22 filesize: 1.16 M page_count: 13 document date: 2021-09-08