

ORICO 1125SS-V1-BK-EP

ORICO 2.5 SSD SATA to 3.5 Hard Drive Adapter User Manual

Model: 1125SS-V1-BK-EP

1. INTRODUCTION

The ORICO 2.5 SSD SATA to 3.5 Hard Drive Adapter is designed to seamlessly integrate smaller 2.5-inch SATA Solid State Drives (SSDs) or Hard Disk Drives (HDDs) into standard 3.5-inch drive bays found in desktop computers or drive enclosures. This adapter provides a convenient and efficient solution for expanding storage options or upgrading existing systems.

2. WHAT'S IN THE BOX

- 1x 2.5 to 3.5 Hard Drive Adapter
- 1x Screw Set
- 1x User Manual

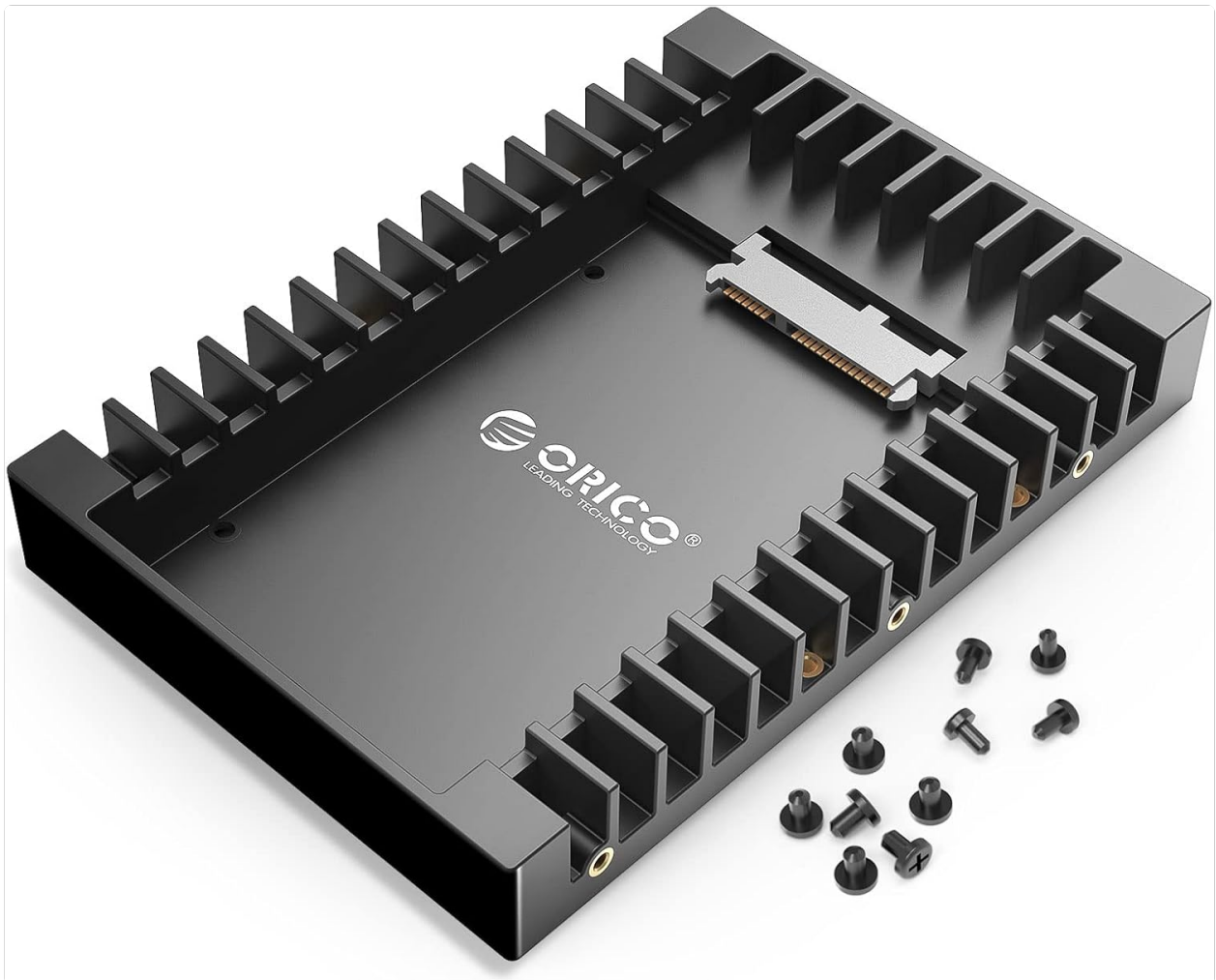


Figure 2.1: Contents of the ORICO 2.5 to 3.5 inch Hard Drive Adapter package, showing the adapter and screw set.

Video 2.1: An unboxing video demonstrating the contents of the ORICO 2.5" to 3.5" SSD Mounting Bracket package.

3. PRODUCT FEATURES

- **2.5 to 3.5 Drive Adapter:** Converts 2.5-inch SATA drives to 3.5-inch size, compatible with 7mm, 9.5mm, and 12.5mm 2.5-inch HDDs/SSDs.
- **Convenient Use:** Features a SATA III interface, requiring no data cables or drivers. Supports hot-swapping and is plug-and-play compatible with Windows, Mac OS, and Linux.
- **6Gbps SuperSpeed:** Adopts SATA 3.0 protocol for maximum transmission rates up to 6Gbps, enabling high-speed data transfer. Backward compatible with SATA I/II.
- **Perfect Fit:** Designed with specific screw holes for securely fixing 2.5-inch hard drives and for mounting the adapter itself into a 3.5-inch drive bay.
- **Wide Application:** Can be used in any system that accommodates 3.5-inch drives, including desktop computer drive bays and external drive enclosure trays.
- **Durable Material:** Constructed from high-quality flame-retardant ABS material, ensuring durability and a lightweight design.

4. SETUP GUIDE

4.1. Installing the 2.5-inch Drive into the Adapter

1. Carefully align your 2.5-inch SSD or HDD with the SATA connector inside the ORICO adapter.
2. Gently slide the 2.5-inch drive into the adapter until it is fully seated and the SATA connectors are firmly

engaged.

3. Use the provided screws to secure the 2.5-inch drive to the adapter through the designated screw holes on the bottom of the adapter.

2.5" to 3.5" SSD/HDD Mounting Bracket

Easily convert your 2.5" drives to 3.5" drives



Figure 4.1: Illustration of inserting a 2.5-inch hard drive into the ORICO adapter.

Up to 6Gbps (SATA III Port)

Backward compatible with SATA II | SSD/HDD



S.M.A.R.T



TRIM



6Gbps



SATA3.0



Figure 4.2: Securing the 2.5-inch drive within the adapter using the provided screws.

Video 4.1: A demonstration of installing a 2.5-inch drive into the ORICO 2.5 SSD SATA to 3.5 Hard Drive Adapter.

4.2. Installing the Adapter into a 3.5-inch Drive Bay

4. Locate an available 3.5-inch drive bay in your desktop computer case or external enclosure.
5. Slide the ORICO adapter (with the 2.5-inch drive installed) into the 3.5-inch drive bay.
6. Secure the adapter to the drive bay using the appropriate screws provided with your computer case or enclosure.
7. Connect the SATA data cable and SATA power cable from your power supply to the external SATA III interface on the ORICO adapter.

Secure with Screws

Secure the internal hard drives and secure itself in the drive bays

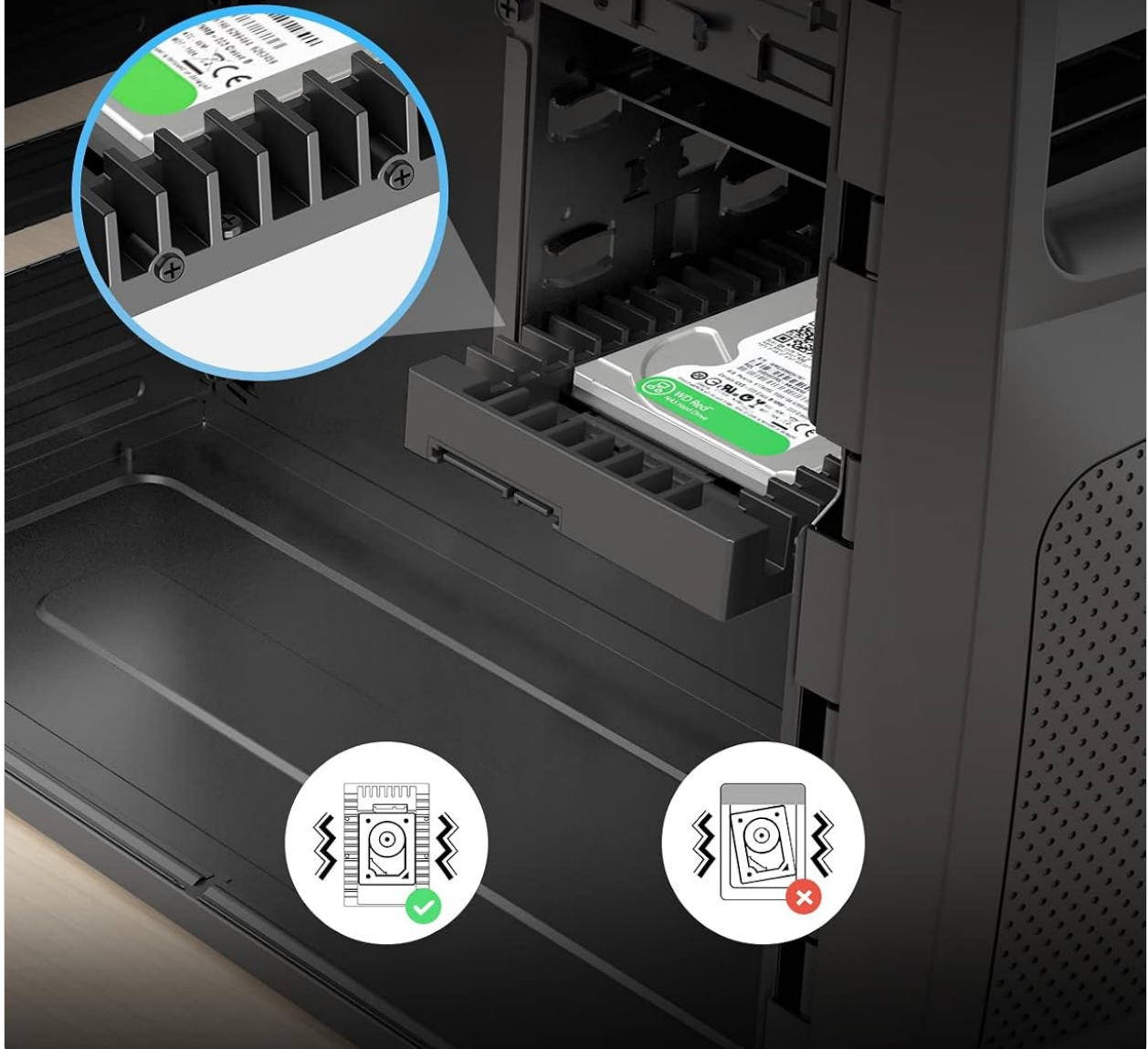


Figure 4.3: The ORICO adapter securely installed within a 3.5-inch drive bay.

Video 4.2: A detailed video demonstrating the installation process of the ORICO 2.5" to 3.5" Hard Drive Adapter (Model 1125SS).

5. OPERATING INSTRUCTIONS

Once the ORICO 2.5 SSD SATA to 3.5 Hard Drive Adapter is installed and connected, it operates as a standard 3.5-inch drive. The adapter supports plug-and-play functionality, meaning no additional drivers are typically required for Windows, Mac OS, or Linux operating systems. It also supports hot-swapping, allowing you to connect or disconnect the drive while the system is running, provided your system's SATA controller supports this feature.

Data transfer speeds will be determined by the connected 2.5-inch drive and your system's SATA controller, with the adapter supporting up to 6Gbps via SATA 3.0.

6. MAINTENANCE

The ORICO adapter is made from durable ABS material. To ensure optimal performance and longevity, keep the adapter and connected drive free from dust and debris. The design incorporates side slots and an open structure to facilitate good heat dissipation, which is crucial for drive health. Ensure adequate airflow around the adapter within your system.

SATA3.0 Revision (6Gb/s)

Backward compatible with SATA 1.0 / 2.0.

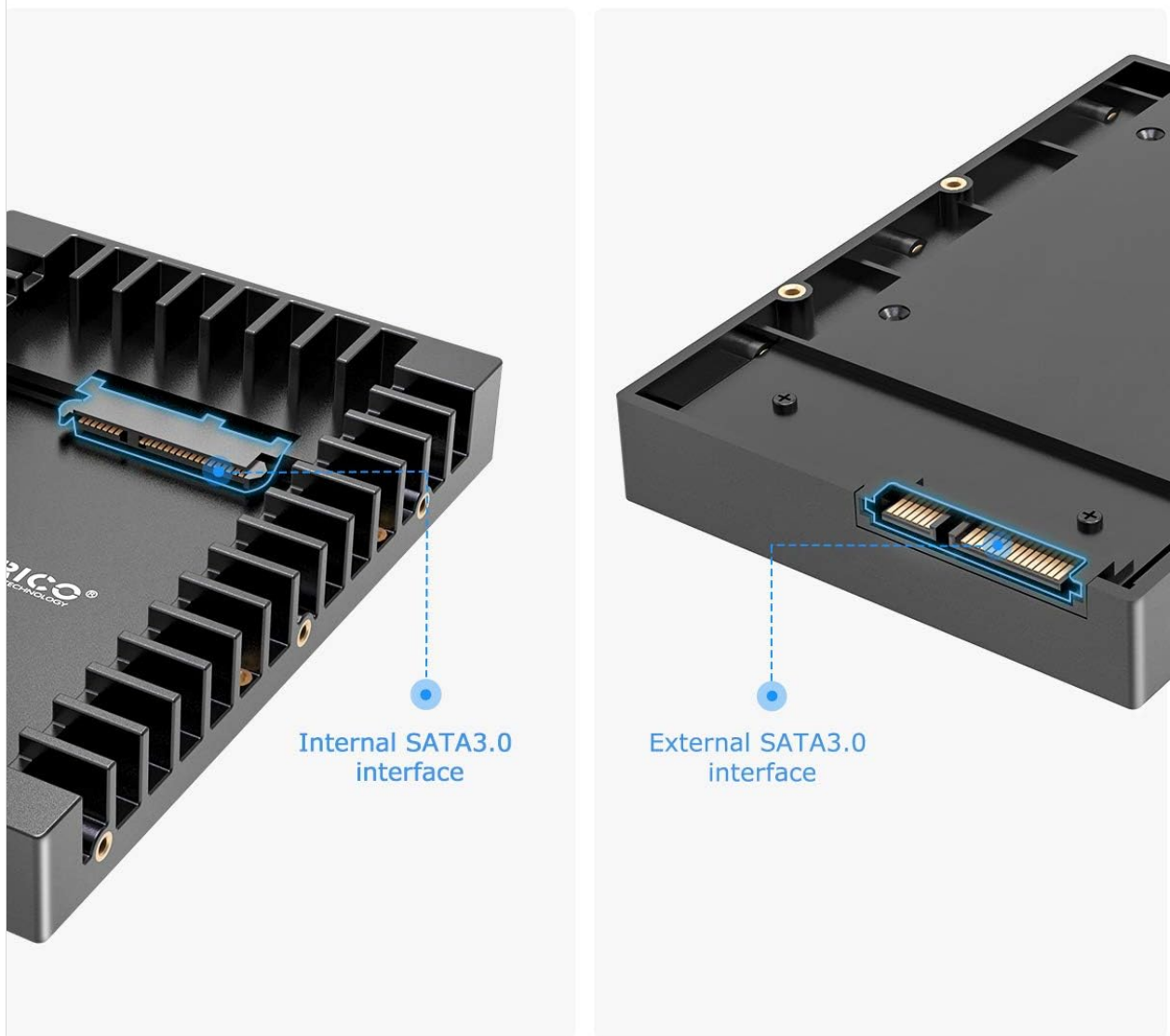


Figure 6.1: Illustration of the heat dissipation design of the ORICO adapter, showing airflow through the side fins.

7. TROUBLESHOOTING

- **Drive Not Detected:** Ensure all SATA data and power cables are securely connected to both the adapter and your system's motherboard/power supply. Verify that the 2.5-inch drive is correctly seated within the adapter.
- **Slow Transfer Speeds:** Confirm that your motherboard's SATA ports and cables support SATA 3.0 (6Gbps) for optimal performance. Older SATA I/II ports will operate at lower speeds.

- **Physical Fit Issues:** Double-check that your 2.5-inch drive's thickness (7mm, 9.5mm, or 12.5mm) is compatible with the adapter. Ensure your 3.5-inch drive bay is standard size.

8. SPECIFICATIONS

Feature	Detail
Brand	ORICO
Model Number	1125SS-V1-BK-EP
Material	Acrylonitrile Butadiene Styrene (ABS)
Compatible Drive Size	2.5 Inches (7 / 9.5 / 12.5mm)
Output Interface	SATA III (6.0 Gb/s)
Data Transfer Rate	Up to 6 Gbps
Compatible Devices	Desktop Computers
Operating Systems	Windows, Mac OS, Linux
Product Dimensions	5.79 x 4.33 x 0.79 inches
Item Weight	3.52 ounces

9. WARRANTY AND SUPPORT

ORICO products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official ORICO website or contact their customer support directly. Keep your purchase receipt for warranty claims.