



SOLID STATE DRIVE

User Manual

Thank you for choosing ORICO products!

Please read this user manual carefully before using.

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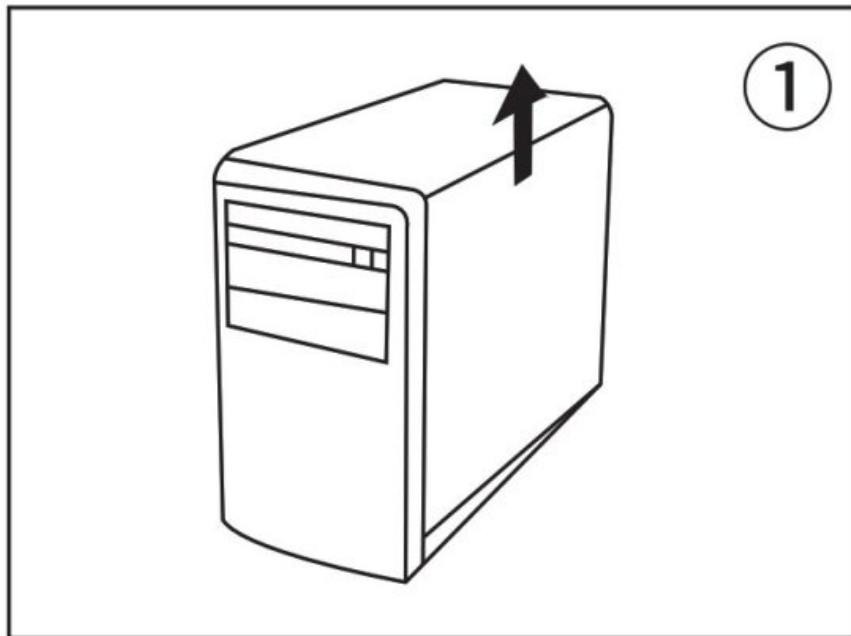
[3.1 References](#)

Quick Start Guide

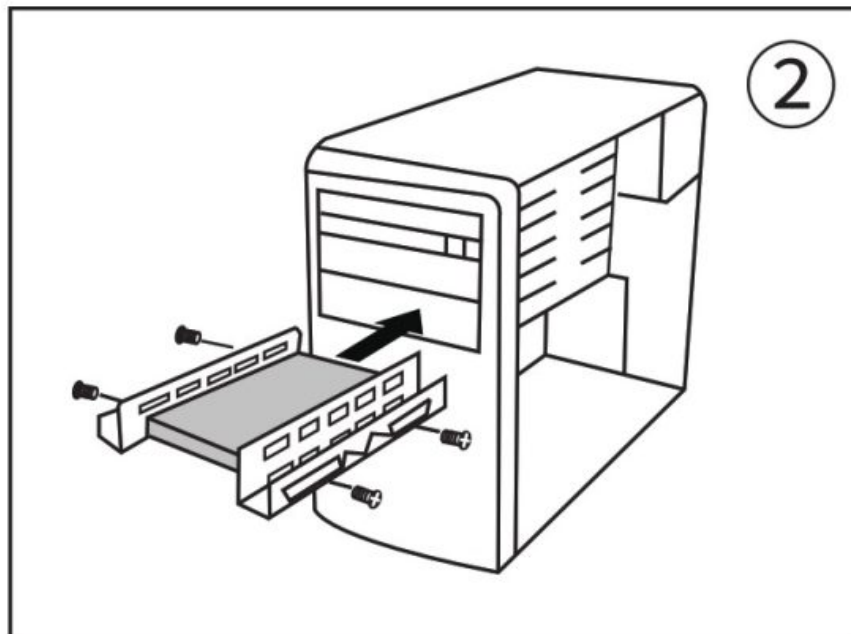
Please refer to your system or device user manual for the location where the SSD is installed.

2.5 inch SATA3.0 SSD installation guide

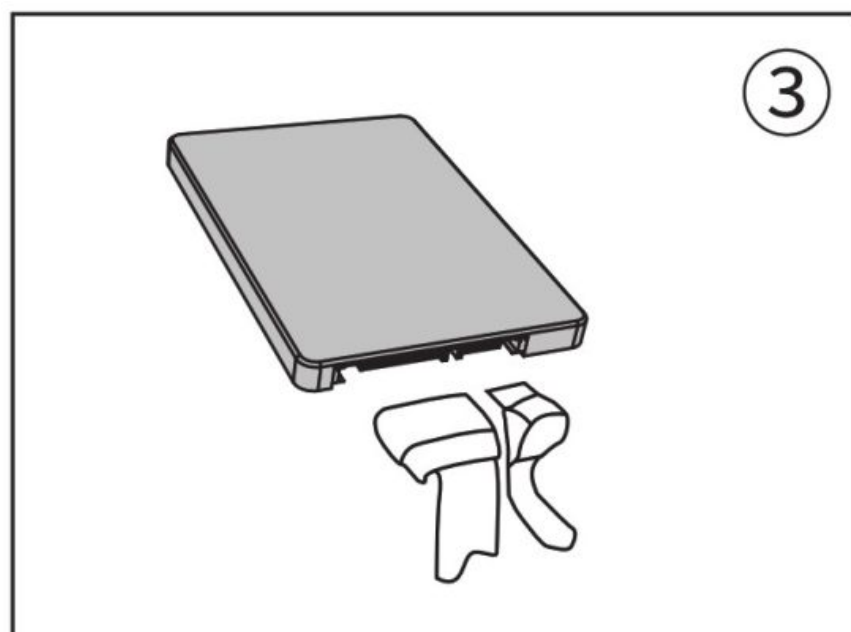
1. Install on desktop



Turn off the power of desktop, unplug the power cord, and open the chassis.



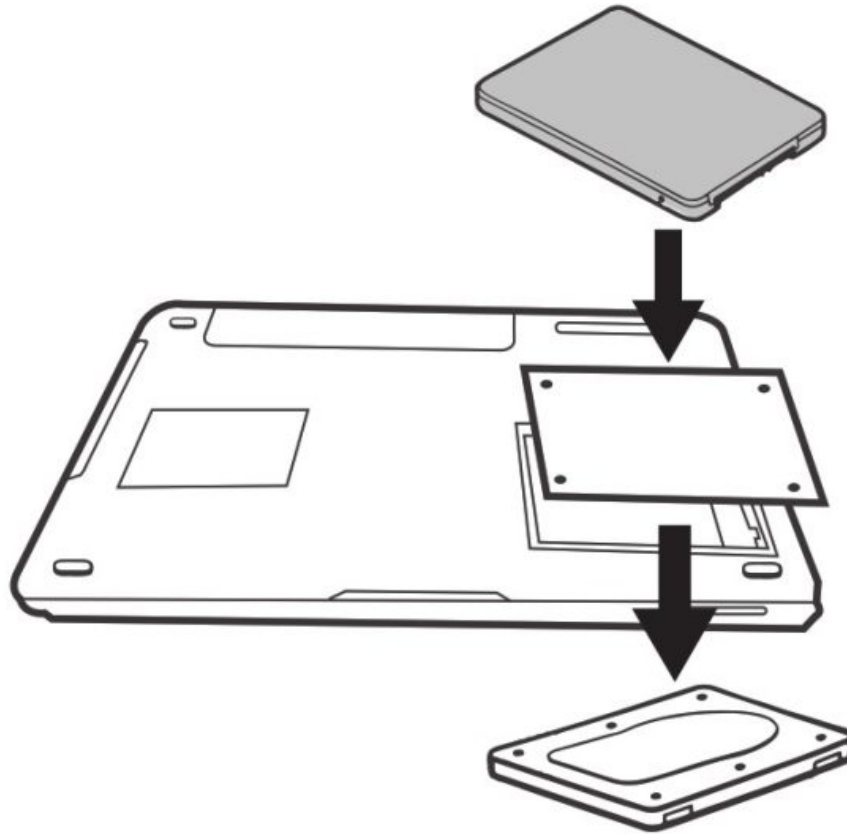
Choose the screw holes according to the chassis and fix the SSD in the chassis.



Please properly connect the SATA interface and power connector of the SSD and close the chassis.

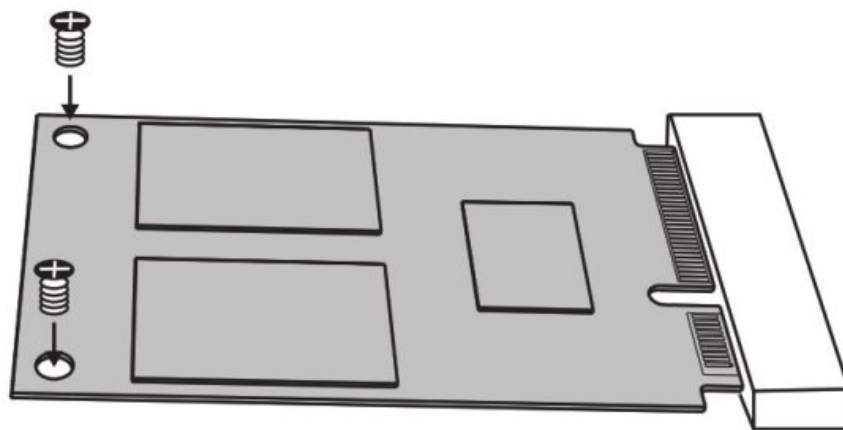
2. Install on laptop

Turn off the power of the laptop, unplug the power cord and remove the battery, open the back cover, and install the SSD correctly.



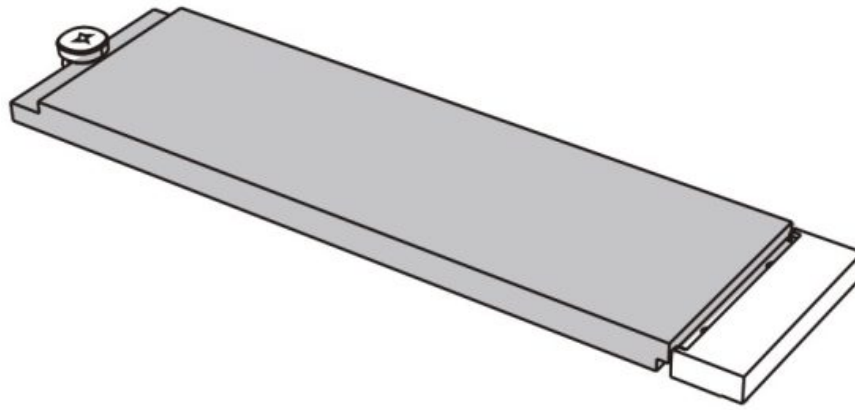
■ mSATA SSD installation guide

Find the SSD interface, install properly, and tighten the fixing screws.



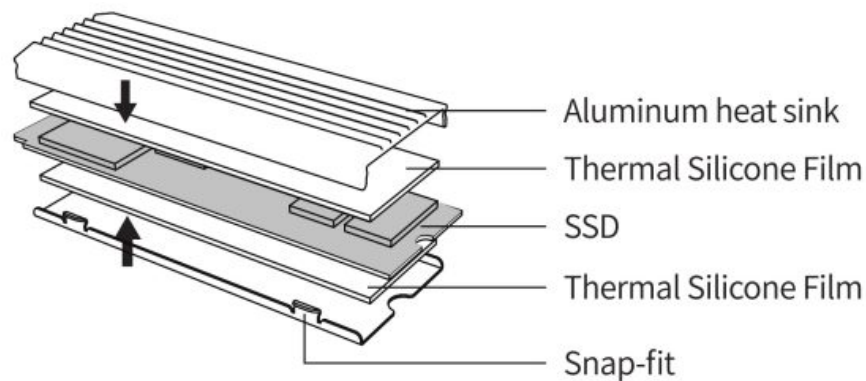
■ M.2 SSD installation guide

Find the SSD interface, install properly, and tighten the fixing screws.



■ Radiating fin installation guide

Please remove the front and back protective film before using the silicone sheet.



Notes

To prevent personal injury or product damage, please observe the following guidelines.

1. Handling notes

a). Impact

Compared to traditional hard drives, SSDs are shockproof and anti-impact and provide secure data protection. However, please avoid severe impact of this product. Excessive impact may damage the SSD components. It may also cause hardware detection failure or operation failure after the product is installed in the computer. In addition, severe impact may cause deformation or cracking of the SSD housing.

b). Short-circuit

Please avoid metal objects touching of the SSD interface circuit. If the interface is exposed to a metal object or is subjected to electric shock, the SSD may short-circuit. This can lead to hardware detection failures or operational failures.

c). Disassemble, damage, tear off the tamper-evident label Do not disassemble, damage the SSD or tear the label attached to the product. If the product casing is opened or the label is torn or damaged, the product will not be covered by the warranty and the company will not guarantee it.

2. Install ation notes

- a). Before removing the back cover of the computer, make and computer battery are unplugged. If you remove the hard disk or install an SSD with the power connected, it may cause serious damage to the hardware. Although many computers and storage devices support hot-swap function, we strongly recommend that you turn off the power of the device before installing it.
- b). If you are replacing an existing SATA HDD with an SSD, you can use the existing SATA interface cable and SATA interface power cord. If you are installing this product into your desktop as a completely new one, you should have the necessary components, such as SATA interface cable, SATA interface power cord, 3.5-inch adapter bracket, screws, etc. If you are installing this product into your laptop and need to transfer data, please get a USB to SATA adapter cable.
- c). If the SATA interface cable is longer than 1M, it may cause hardware detection failure or operation failure.
- d). Please check the computer manufacturer's warranty precautions. This content may prevent users from disassembling and installing SSDs themselves.

3. Data backup

The company does not guarantee the data stored in the SSD, nor is it responsible for the tangible and intangible damage associated with the data restoration. Therefore, please backup important data to other storage devices in case of unexpected situations.

4. About SSD capacity

The actual capacity of the SSD may differ from the indicated capacity on the product label, depending on the drive formatting method, partition, and computer operating system.

Warranty Description

I. Warranty Policy

ORICO guarantees to the original end user or purchaser of product (hereafter referred to as you) that subject to the conditions listed in this agreement, there are no major defects in the manufacturing process of this product, the specific time is subject to the shorter of the following two cases: (1) From the date of purchase of the original sealed package, to the end of the limited warranty deadline specified in the warranty policy. (2) The warranty

period ends when the SSD product exceeds its TBW (Total Write Bytes) threshold (for specific information on this threshold, see the data sheet for a specific SSD product). If there is no valid proof of purchase, the limited warranty period will be determined by the date of manufacture.

II Limited Warranty (Warranty Period and TBW)

QLC NAND Flash	Capacity	Warranty Period	TBW
	128GB	SATA Protocol: 3 Years NVMe Protocol: 5 Years	37.5TBW
	256GB		75TBW
	512GB		150TBW
	1TB		300TBW
	2TB		600TBW
	4TB		1200TBW

Note: The warranty period for the ORICO-D10 SSD is 3 years.

TLC NAND Flash	Capacity	Warranty Period	TIM
	128GB	SATA Protocol: 3 Years NVMe Protocol: 5 Years	50TBW
	256GB		100TBW
	512GB		300TBW
	1TB		600TBW
	2TB		1200TBW
	4TB		2400TBW

III. Warranty Void

Any of the following conditions will not be covered by the free warranty:

1. Out of warranty period orTBW (Total Write Bytes).
2. No valid product warranty card or valid proof of purchase.
3. The serial number on the product has been altered, lost, moved, or unrecognizable
4. Unauthorized disassembly, modification, or repair of product.
5. The product interface is abnormal due to external forces such as bending and deformation, and the product casing is damaged or deformed.
6. Failures caused by failure to use or maintain in accordance with the instructions for use, such as products with unstable power supply voltage or exceeding the normal voltage range.
7. Damage caused by force majeure (such as flood, fire, earthquake, lightning, typhoon, etc.), man made damage (such as knocking, falling, breaking, slamming, etc.), computer interface failure, human error (such as falling water, loss, improper storage, etc.) or other abnormal use.
8. Damage caused by exposure or storage in an unsuitable environment, including high-risk, low-temperature or high humidity environments.
9. The warranty is not including to products with improper packaging, deformation or physical damage.

IV. Technical Support

If you have any problems during use, you can contact the ORICO Customer Service Center for consultation or help, or you can contact the dealer of the product you purchased directly.

OR CO Customer Service Center Website: www.orico.co

OR CO Customer Service Email: supports@orico.com.cn

Hotline: 400-6696298

V. Authenticity and Warranty Check

For OR CO products purchased by consumers in physical stores or online channels, the authenticity and warranty Information can be obtained by the following methods.

1. Mobile: Directly scan the anti-counterfeiting QR code on the product.
2. PC: Log in to OR CO's official website www.orico.cc. click on Technical Support Authenticity Query→ Enter Anti-Counterfeiting Query Code on the navigation bar.

Declaration

SHENZHEN ORICO TECHNOLOGIES CO., LTD., all rights reserved.

Thank you so much for purchase ORICO product. Please refer to this manual when using orico product or experienced issues, Additionally, please kindly contact ORICO customer care team if any concern.

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1. Any special, incidental, indirect and secondary lost or damage.
2. Profit and revenue lost or damage.
3. Files, data, drive and device lost or damage.

Note: Compensation for lost or damage resulting from this manual or orico product shall not exceed the payment of your purchase to this product

FCC

This device complies with part 15 of the FCC Rules.. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

⚠ **Warning:** Do not repair, disassemble or modify the product without permission.

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Documents / Resources

	ORICO R4_Q Solid State Drive [pdf] User Guide R4_Q Solid State Drive, R4_Q, Solid State Drive, State Drive
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References

- [User Manual](#)

ORICO, R4_Q, R4_Q Solid State Drive, Solid State Drive, State Drive

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