



3259RC3

双盘位3.5寸硬盘盒  
Dual-bay 3.5 Inch  
Hard Drive Enclosure

使用说明  
User Manual



官方网站



Website

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执行标准: GB4943.1-2011

制 造 商: 深圳市元创时代科技有限公司

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Dongguan, China

感谢您购买本产品,在使用之前请仔细阅读本说明书。

We thank you for purchasing our products. Please read this manual carefully before use.

## 语言/ Language

- ▶ 中文 ----- 02-15
- ▶ English ----- 16-30

## 温馨提示

因产品生产批次不同,产品包装、外观或者配件可能会有所变更,并与此使用说明提供的图片、外观、说明不一致,请您以收到的实际产品为准,若由此给您带来不便请您谅解,谢谢!

## 产品清单

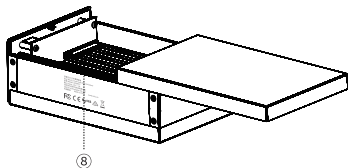
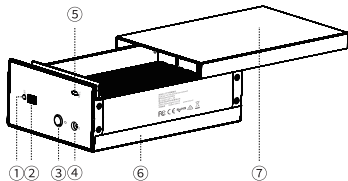
请您确认您的ORICO 3.5寸双盘位阵列硬盘盒的包装内容是否齐全。如果有任何一项未在包装内或损坏,请及时联系您的原购买经销商以获取帮助。

产品本体 .....	1PCS
数据线 .....	1PCS
电源适配器 .....	1PCS
使用说明书 .....	1PCS
感谢卡 .....	1PCS

## 产品简介

ORICO 3.5寸双盘位阵列硬盘盒均采用高质量材料打造,使用简单方便,主要以搭配3.5英寸SATA接口硬盘使用。高质感铝合金透明PC材质能够充分帮助硬盘散热,时尚造型,免工具安装3.5英寸硬盘,您只需要将硬盘盒打开,然后插入硬盘连接电脑即可使用。

## 产品图示

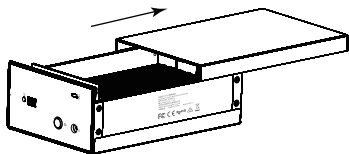


- ① SET键
- ② RAID功能键
- ③ 电源开关
- ④ 电源接口
- ⑤ Type-C接口
- ⑥ 左盖
- ⑦ 右盖
- ⑧ SATA接口×2

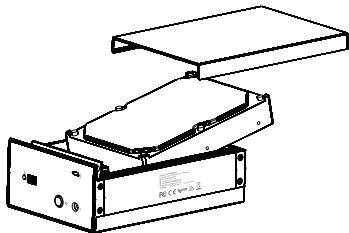
## 快速使用指南

感谢您使用ORICO 3259RC3双盘位硬盘盒,为了您更方便快速体验本产品,敬请参考快速使用指南进行操作,谢谢!

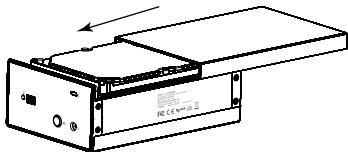
1. 按图示标注方向滑盖拆下左右盖;



2. 将3.5寸硬盘对准SATA接口插入硬盘盒;



- 按图示标注方向滑动，合并左右盖；



- 使用数据线连接电脑，打开电源开关，即可使用。

注意：

若您是使用全新的硬盘，需要先到操作系统“磁盘管理”中，对新硬盘进行初始化、分区格式化后，才能正常使用。

## 组建RAID

注意事项

- RAID模式讲解。

ORICO 3259RC3支持RAID 0,RAID 1,SPAN和PM四种模式。

RAID 0=将硬盘盒内所有的硬盘容量合并，并提升性能（读写速度）。RAID 1=硬盘盒内的两个硬盘互为备份，不提升性能（读写速度），但是安全性优异，支持自我修复（RAID 0和SPAN不支持此功能），可以在其中一个硬盘发生错误或故障时，确保资料仍可被修复，不会造成资料损失。

注：RAID 1只支持两个硬盘。

SPAN=将硬盘盒内的所有硬盘容量合并，以方便管理，但

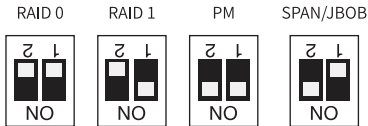
是并不提升性能。PM=常规正常状态，硬盘盒内的所有硬盘未组成任何RAID模式，独立运行。

- RAID模式需要两个或更多硬盘。
- 设置或更改RAID模式时会将本产品内所有硬盘的文件全部清空，因此，设置或更改RAID前，请先备份所有资料。
- 请勿更改RAID状态下的硬盘盘位顺序，以免影响RAID模式的稳定允许。
- RAID模式运行时，请勿弹出硬盘盒内的硬盘，如需弹出硬盘，请先从计算机中安全删除硬件并弹出媒体，然后关闭硬盘盒的电源，在弹出硬盘。
- PM模式下的所有硬盘未组成任何RAID模式，硬盘盒内的所有硬盘均为独立的磁盘工作以及显示在计算机中。需要注意的是：此模式下如果弹出其中任何一个硬盘或是插入一个硬盘，将会使硬盘盒重启，其他所有硬盘的连接也暂时中断。建议在硬盘盒断电时弹出或者增加硬盘。
- 设置或更改RAID时，请确保硬盘盒和硬盘处于PM模式下，或者先设置硬盘盒到PM模式之后方可设置或更改到您需要的RAID模式。
- 请勿更改RAID状态下的硬盘顺序，以免影响硬盘资料丢失。
- 硬盘为精密设备，RAID也是精密的系统，请时刻备份好您的重要资料，并谨慎操作，以免任何错误或不当的操作造成的数据错误或丢失。

设置RAID模式

按住“SET”键不放，然后开机启动硬盘盒，大约10秒后松开SET按键，即组建RAID模式成功。

注意：组建RAID成功后，会生成一个新的硬盘，必须要先进行初始化、格式化分区之后，才可以正常使用。



注：黑色键为功能按键

RAID 0(下—下)

RAID 1(下—上)

PM(上—上)

SPAN(上—下)

## 关于RAID

硬盘阵列是由很多磁盘组合成一个容量巨大的磁盘组，利用个别磁盘提供数据所产生加成效果提升整个磁盘系统效能。利用这项技术，将数据切割成许多区段，分别存放在各个硬盘上。

磁盘阵列还能利用同位检查(Parity Check)的观念，在数组中任意一个硬盘故障时，仍可读出数据，在数据重构时，将数据经计算后重新置入新硬盘中。

## RAID级别

RAID技术主要包含RAID 0 ~ RAID 50等数个规范，它们的侧重点各不相同。

## RAID 0

RAID 0连续以位或字节为单位分割数据，并行读/写于多个磁盘上，因此具有很高的数据传输率，但它没有数据冗余，因此并不能算是真正的RAID结构。RAID 0只是单纯地提

高性能，并没有为数据的可靠性提供保证，而且其中的一个磁盘失效将影响到所有数据。因此，RAID 0不能应用于数据安全要求高的场合。

## RAID 1

它是通过磁盘数据镜像实现数据冗余，在成对的独立磁盘上产生互为备份的数据。当原始数据繁忙时，可直接从镜像拷贝中读取数据，因此RAID 1可以提高读取性能。RAID 1是磁盘阵列中单位成本最高的，但提供了很高的数据安全性和可用性。当一个磁盘失效时，系统更可以自动切换到镜像磁盘上读写，而不需要重组失效的数据。



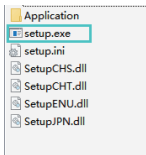
## 如何组建RAID

RAID模式可以通过产品前部接口的RAID控制开关设置，也可以通过ORICO HW RAID Manager管理软件在计算机上直接进行设置。无论使用哪种方法，都可以帮助您快速简单的完成设置。再次温馨提醒您，设置或更改RAID模式时会使硬盘盒内所有硬盘的文件全部丢失，因此，设置或更改RAID前，请先备份好硬盘内的所有资料。

## 通过RAID控制开关设置RAID

1. 关闭硬盘盒和硬盘, 切换产品前部接口的RAID控制开关到“PM”位置, 然后按住“Set”按钮并打开硬盘盒的电源开关。大约10秒钟之后硬盘盒即会成功切换至PM模式, 设置完成后硬盘盒蜂鸣器会响一声。
2. 再次关闭硬盘盒和硬盘, 切换产品背部接口的RAID控制开关到需要设置的RAID模式位置, 然后按住“Set”按钮并打开硬盘盒的电源开关。大约10秒钟之后硬盘盒即会成功切换至需要设置的RAID模式。
3. 已经完成RAID设置的硬盘或硬盘组稍后即会显示到计算机中, 在初始化和分区并格式化之后, 即可开始使用。如果硬盘或硬盘组未显示在计算机中, 请尝试重启硬盘盒以及计算机, 或者尝试重新设置RAID模式。

## 通过ORICO HW RAID Manager管理软件设置



1. 从ORICO官方网站下载, 并运行ORICO HW RAID Manager 安装程序, 如果管理软件是压缩包, 需要先解压之后在运行。



2. 关闭硬盘盒, 运行ORICO HW RAID Manager安装程序中的 Setup.exe并依照下图指引开始安装。安装完成之后, 可能需要重启您的计算机。



3. ORICO HW RAID Manager管理软件的快捷方式将会在安装完成之后出现在桌面上, 请开启硬盘盒以及硬盘的电源, 并双击即可运行管理软件即可开始设置或管理RAID。

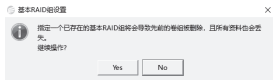


4. 点击下图左侧框中的图标即可打开基础RAID设置界面。界面中间的列表当前可设置的RAID模式，点击需要设置的RAID模式，然后点击应用即可设置到您需要设置的RAID模式。

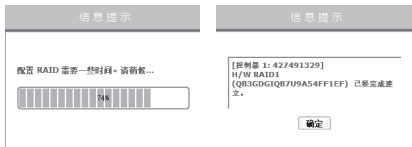


**注意：**  
开始设置您需要的RAID模式之前，请确保硬盘盒和硬盘处于PM模式下，或者先设置硬盘盒到PM模式之后方可设置或更改到您需要的RAID模式。

5. 弹出的以下窗口点“**Yes**”即可设置上一步中选定的RAID，点“**NO**”即可取消设置。



6. 上一步点击“**Yes**”之后，设置将自动进行，以下进度条会告知设置完成进度。设置完成后，将会弹出提示窗口告知您设置已经完成。



7. 已经完成RAID设置的硬盘或硬盘组稍后即会显示到计算机中，在初始化和分区并格式化之后，即可开始使用。（如果硬盘或硬盘组格式化不成功，请尝试重启硬盘盒以及计算机，或者尝试重新设置RAID模式。）



8. 点击下图的高级选项可打开“邮件通知设置”，非常抱歉此部分的功能暂时无法使用，我们将在此功能可正常使用之后第一时间通知您。



## 注意事项

- 1、硬盘是精密设备，请预先阅读其使用说明书并正确操作。
- 2、ORICO移动硬盘盒是电子产品，请勿自行拆卸、维修。
- 3、请避免强烈摔打、碰撞或在高温、低温、潮湿、多尘及长期暴露于阳光下使用。
- 4、如果您使用的新买的硬盘，则需要先在硬盘初始化后可以正常使用。

## 设备移除说明

注意：当需要退出移动设备时，请先停止移动设备的数据读写，否则无法正常退出移动设备，强行退出有可能会导致您的数据异常或丢失。

## 保修说明

### 保修条例

ORICO 产品的售后服务严格依据《中华人民共和国消费者权益法》、《中华人民共和国产品质量法》，实行售后三包服务，

服务内容如下：

1. 自签收之日起7日内，产品出现性能故障并由ORICO客户服务中心鉴定之后，可享受退货、换货或免费维修服务。
2. 自签收起8-15日内，产品出现性能故障并由ORICO客户服务中心鉴定之后，可享受换货或免费维修服务。
3. 自签收之日起12个月内，产品出现性能故障并由ORICO客户服务中心鉴定之后，可享受免费维修服务。

### 保修限制条款

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1. 超过保修条款期限。
2. 未经授权拆解、改动或维修过的产品，以及碰撞、进液、摔坏等人为损坏。
3. 水灾、火灾、雷击、地震等不可抗力造成的损坏。
4. 与本使用说明不一致的错误操作。
5. 产品或包装盒条码与实物不符，以及被涂改、撕毁。
6. 未经授权使用非原装配件造成的损坏。
7. 无有效的购买凭证。



## 声明

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感谢您购买ORICO产品，为了更好的使用本产品的所有功能，请您在使用产品之前仔细阅读本使用说明介绍的产品功能、使用说明以及注意事项。

ORICO®为深圳市元创时代科技有限公司注册商标。

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## Warm Tips

The Product, Accessories and Package may Optimized for Better Application or Performance. We Sincerely sorry that they may not Exactly Match with what showing in Manual and Appreciate your Please Adhere to the Original Products and Contact ORICO Customer Care Team if any Further Concern. Thank you very much.

## Package List

Please check whether the product and accessories are contained in package. If there are any problems, please timely contact distributors for help.

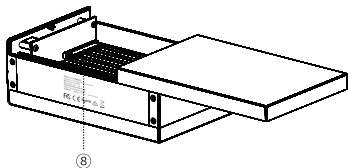
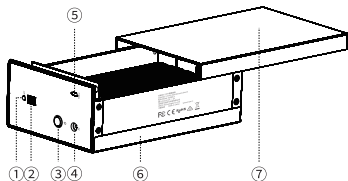
The Product.....	1PCS
Data Cable .....	1PCS
Power Adapter.....	1PCS
User Manual .....	1PCS
Thanks Card .....	1PCS

## Product Introduction

ORICO 3.5 inch dual bay HDD enclosure with RAID is made of high-quality material, it is designed for 3.5 inch SATA interface disk, easy to use. Aluminum alloy transparent PC material facilitate heat dissipation and stylish. Tool-free installation of 3.5-inch hard disk, you only need to open the enclosure, and then insert the

hard disk and connect to the computer to use.

## Product Illustrations

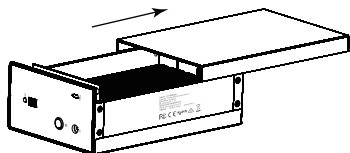


- ① SET Button    ② RAID Button    ③ Power switch  
④ Power Interface    ⑤ Type-C Interface    ⑥ Left Cover  
⑦ Right Cover    ⑧ SATA Interface×2

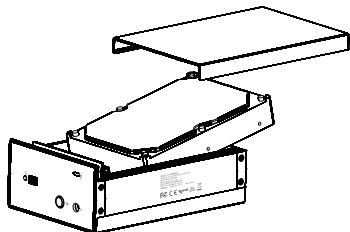
## Using Guidance

Thank you for using ORICO 3259RC3 hard drive enclosure with RAID. Please refer to the quick start guide.

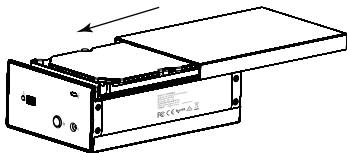
1. Slide and remove the left and right covers as the picture shows.



2. Insert the 3.5 inch disk into the enclosure.



- Slide according to the marked direction to close upper and lower covers.



- Connect to PC via data cable, turn it on and use it.

**Note:**

If you are using a new HDD, you need to go to the operating system “Disk Management”, the new HDD to initialize, partition format to normal use.

## Forming RAID

### Notes

#### 1. Introduction of RAID Mode

ORICO 3259RC3 supports RAID 0, RAID 1, SPAN and PM four modes. RAID 0: Merge all HDDs' capacity in the HDD enclosure and upgrade its performance (reading & writing speed); RAID 1: Two HDDs in the HDD enclosure can backup each other, cannot upgrade its performance (reading & writing speed). And it can support self restoration function (RAID 0

and SPAN modes cannot support this function), which makes files restored when mistakes and faults occur.

PS: RAID 1 can only support 2 HDDs.

SPAN: Merge all HDDs' capacity in the HDD enclosure to make it easy to manage but cannot upgrade its performance; PM: Normal state, all HDDs in the HDD enclosure work independently without forming any RAID modes.

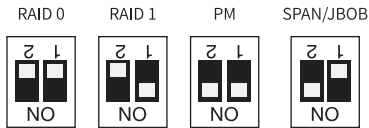
- RAID mode needs two or more HDDs.
- Please backup all files before setting or changing RAID mode, because all files stored in HDDs in the HDD enclosure will be cleared while operating this.
- Please don't change HDD bays' order under RAID mode to prevent its unstable running.
- Please don't remove the HDD in the HDD enclosure under RAID mode. You should delete the hardware and exit media on the computer before removing the HDD.
- All HDDs work independently and are displayed on computer without forming any RAID modes under PM mode. Attention: Removing or inserting another HDD under this mode will restart the HDD enclosure and make other HDDs disconnected temporarily. So removing or adding HDD after powered off is recommended.
- Please confirm PM mode before setting or changing RAID mode. Or you could set PM mode in advance before setting or changing RAID mode.
- Do not change the order of the disks under RAID mode to avoid data loss.
- HDD is precision equipment and RAID is precision system. Please backup your files all the time and

operate it carefully to avoid any data mistakes or data loss resulted from improper operations.

## Set RAID Modes

Press and hold "SET" button, then boot the enclosure, and release the SET button after about 10 seconds, that is, the RAID mode is set.

Note: After the RAID is successfully established, a new disk will be generated. It must be initialized and formatted before it can be used normally.



PS: Black button is function button

RAID 0 (lower—lower)

RAID 1 (lower—upper)

PM (upper—upper)

SPAN (upper—lower)

## About RAID

HDD RAID is a large-capacity disk group combined by many HDDs and it leverages data offered by one HDD to produce better effects to upgrade the whole HDD system's performance. With this technology, data will be partitioned into many sectors and stored in these HDDs respectively. HDD RAID can still read data when

any one HDD breaks down in the group with its Parity Check solution. And it can restore data into new HDD after calculation while restructuring data.

## RAID Grades

RAID technology mainly includes RAID 0~RAID 50 and more standards and they varies from each other.

## RAID 0

RAID 0 partitions data as bytes constantly and read/write them on multiple HDDs concurrently, so data transmission speed is fast. It doesn't have data redundancy, so it's not a real RAID structure. RAID 0 can upgrade performance but cannot ensure data safety. All data will be affected when one HDD breaks down. Therefore, RAID 0 mode cannot be used in occasion where data needs to be safely protected.

## RAID 1

It realizes data redundancy through HDD data mirror and produces mutual-backup data in coupled independent HDD. When original data is busy, data can be read through data mirror duplication, so RAID 1 can improve data reading performance. RAID 1 has the highest unit cost but offers the highest data safety and usability. When one HDD breaks down, system can switch to mirror HDD automatically to read and write data and don't need to restructure failure data.



## How to Set Up RAID

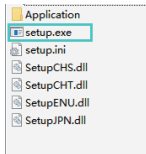
RAID mode can be set up through RAID control switch on the front of the product or through ORICO HW RAID Manager Software to operate directly on computer. Warmly prompt again: Please backup all files in HDDs before setting or changing RAID mode to prevent data loss.

## Set RAID through RAID Control Switch

1. Turn off the HDD enclosure and HDDs, switch the RAID control switch to "PM" position, press "Set" button and turn on the power switch of the HDD enclosure. PM mode will be set successfully in about 10s and buzzer will ring after finishing setting.
2. Turn off the HDD enclosure and HDDs again, switch the RAID control switch to your required RAID mode position, press "Set" button and turn on the power switch of HDD enclosure. Required RAID mode will be set in about 10s after finishing setting.

3. HDDs or HDD group that has been set RAID mode will be displayed on computer later and it can be started to use after initiating and partitioned formatting. Please try to restart the HDD enclosure and computer or reset RAID mode if HDDs or HDD group aren't displayed on computer.

## Set through ORICO HW RAID Manager Software



1. Download and install ORICO HW RAID Manager from ORICO official site. Please unzip it before operating if the software is RAR form.



- Turn off the HDD enclosure, run Setup.exe of installation program and start installing as the following pictures show. You may need to restart your PC after finishing the installation.



- The shortcut of ORICO HW RAID Manager software will appear on PC desktop after finishing the installation. Please turn on the power of the HDD enclosure and HDD, double click to run the software to set or manage RAID.



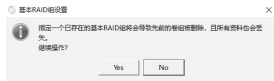
- Click the icon in the left box at the following picture to open the basic RAID setting interface. Choose the required RAID mode in the RAID mode list and then click "Apply" to set the RAID mode.



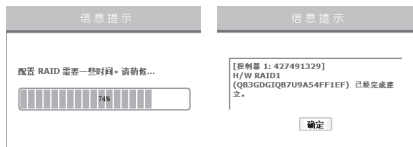
Note:

Please confirm the HDD enclosure and HDDs are under PM mode before setting your required RAID mode. Or you could set PM mode in advance before setting or changing to the required RAID mode.

- Pop up the following interface and click "Yes" to set the chosen RAID, click "No" to cancel the setting.



- After click "Yes", setting will be started automatically and the progress bar will show you setting progress. Pop up the prompt interface to let you know the setting is finished.



7. HDDs or HDD group that has been set RAID mode will be displayed on computer later and it can be started to use after initiating and partitioned formatting. (Please try to restart the HDD enclosure and computer or reset RAID mode if the formatting of HDDs or HDD group is fail.)



8. Click the advanced options as the following picture shows to open "E-mail Informing Set". We are sorry that it cannot support this function at present. We will inform you as soon as possible when it can be normally used.



## Usage Notes

1. Hard disk is sophisticated, please read the user manual first and operate it correctly.
2. ORICO external hard drive enclosure is an electronic product, please do not disassemble and repair it yourself.
3. Avoid dropping, hitting and crashing, or using in high-temperature, low-temperature, humid and dusty environment, or long-time exposure to sunlight.
4. If you are using a new disk, you need to initialize the disk before it can be used normally.

## Always Remove Devices Safely

Please make sure the computer has finished saving and stop accessing before removing. Remove a drive while it's still transferring or saving data may cause damage to your drive or its data inside.

## Declaration

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## 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.