

## 3529RUS3

## 2盘位3.5寸USB3.0硬盘柜 Dual Bay 3.5-inch USB3.0 RAID Enclosure





官方网站

Website

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## 前 言

感谢您购买ORICO产品,为了您能够更好的使用本产品的所有功能, 请您在使用前仔细阅读本手册内所提及的在产品使用过程中应注意的事项以 及详细操作说明。

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- 4. 请勿在高温、低温、潮湿、多尘的环境中使用本产品。
- 5. 请勿将本产品置于水中、日光中。
- 6. 请勿将本产品置于有腐蚀性物品的环境,严禁使用其他化学溶液清洗本 产品。
- 7. 未经使用过的硬盘需要初始化后才可以正常使用,详情请参考本手册"分 区与格式化"操作说明。

- 本产品使用过程中如有任何问题,可随时与您购买产品的经销商或 ORICO客户服务中心联系。
- 9. 以下情况将无法享受保修服务:
  - A. 产品已经超过质保期。
  - B. 自行拆解、改动或维修过的产品,以及碰撞、进液、错误操作等与本手册的操作说明不符的操作行为。
  - C. 人为损坏、非产品自身问题。
  - D. 产品或包装盒条码与实物不符或被涂改、撕毁。
  - E. 水灾、火灾、雷击、地震等不可抗力造成的损坏。
  - F. 使用非原装配件造成的损坏。
  - G. 无有效的购买证明。

## 产品和配件清单

请依照配件清单检查包装内的内容是否齐全。如果有任何问题可随时联系 您的原购买经销商以获得支援。

ORICO 3529RUS3	1PCS
USB3.0 数据线	1PCS
e-SATA 数据线	1PCS
电源线	1PCS
电源适配器	1PCS
用户手册	1PCS
感谢卡	1PCS

#### 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更改,与此说 明书提供的图片、外观、说明不一致,请您以收到的产品实物为准,若由 此给您带来不便请多多谅解,谢谢!

## 产品介绍

ORICO 3529RUS3 免工具2盘位3.5寸SATA磁盘阵列硬盘盒采用铝合金打造,造型时尚,散热优异,支持同时读取两个3.5寸SATA串口硬盘,便捷的免工具托盘设计可帮您迅速部署或移除硬盘。

ORICO 3529RUS3 同时集成 RAID 0, RAID1, Big和Normal四种模式, RAID 0模式可为您提供极速的文件传输体验, RAID 1模式则可为您提供安全的文件备份, Big模式可帮您将两块硬盘合二为一、更便于资料管理, Normal模式则为常规模式,两块硬盘未组成任何RAID或组,可分别独立运行。

在传输方面, ORICO 3529RUS3 提供USB3.0和eSATA两种超高速输出接口, USB3.0超高速接口理论传输速度可达5Gbps, 是USB2.0的10倍, 可帮您更快速的完成文件或资料传输。





1. 请按住托盘中间的按键沿箭头方 向, 取出硬盘的托架。



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2. 按照箭头方向放入硬盘到托盘中, 然后压左右侧的锁片锁住硬盘。



硬碟锁片打开状态



3. 沿箭头方向,将装好硬盘的托盘 插入硬盘盒内。



4. 装好硬盘的硬盘柜。

## 组建RAID

### 注意事项

1. RAID 模式 详解。

ORICO 3529RUS3支持 RAID 0. RAID 1. Big 和 Normal 四种模式。 RAID 0=将硬盘盒内的所有硬盘容量合并,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Big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,不会造成资料丢失。 注:RAID 1只支持两个硬盘。

Biq=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。 Normal=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。

2 RAID模式雲要两个戓更多硬盘

- 3. 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。
- 4. 请勿更改RAID状态下的硬盘盘位顺序,以免影响RAID模式的稳定运行。
- 5. 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,再弹出硬盘。
- 6. Normal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。
- 7. 设置或更改RAID时,请确保硬盘盒和硬盘处于Normal模式下,或者先 设置硬盘盒到Normal模式之后方可设置或更改到您需要的RAID模式。
- 8. 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。

## 关于RAID

磁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 全性要求高的场合。

#### 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模式可以通过产品背部接口的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 用那种方法,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

- 关闭硬盘盒和硬盘,切换产品背部接口的RAID控制开关到"Normal" 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Normal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,设置完成后硬盘盒蜂鸣器会响一声。
- 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. 从驱动光盘或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,需要先解压缩之后再运 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。

ORICO HW RAID Manager	r - Installation Wizard	X
向导将要开始安装。		
	单击"安装"开始安装。单击"取消"混出向导。	
	安装 取	箱



 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。界面中间的会列表当前可设置的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:

- 4.1 开始设置您需要的RAID模式之前,请确保硬盘盒和硬盘处于Normal 模式下,或者先设置硬盘盒到Normal模式之后方可设置或更改到您 需要的RAID模式。
- 4.2 下图框内的选项可为您的RAID设置密码,选择您需要设置的RAID模式,然后勾选复选框,并输入密码,最后完成RAID的设置,即可在设置RAID的同时,为您的RAID设置密码、加密保护您的RAID。

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。)



 点击下图的两个框内的图标可打开"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。



9. 点击下图的图标可打开"固件信息"界面,此处可查看当前固件版本和 信息,或更新固件。浏览从ORICO官网下载的固件,然后点击"更新" 即可将您的产品固件更新到最新。更新固件前,建议先备份您的资料, 并将硬盘盒和硬盘设置到Normal模式。



# 分区与格式化

## 以下以Win7系统自带分区和格式化

1. 右键单击桌面计算机,选择"管理",进入计算机管理后选择"磁盘管理"。



 在磁盘名称区域右击,选择"初始化磁盘",然后在右边磁盘区域右击, 选择"新建简单卷"。



磁盘必须经过初始化,逻辑磁盘管理器才能访问。 选择磁盘(3):	[] 월월 0 전주	(C)	新建設单程(1)	
₩ 総合 1	465.76 GB 문자	100.01 GB NTFS 状态统好 (新统, 出现)	新建市区巷(T) 新建築拳型(R) 新建 RAID-5 巷(W)	、 建相能动制)
为新洗磁盘使用以下磁盘分区形式:	G 田立1 基本 931.51 68		羅性(F) 解動(H)	
◎ MER(主启动记录)(M) ⑧ GFT (GUID 分区表)(G)	931.51 GB Bt8]	931.51 G8 未分配	48761(P)	
主意:所有早期版本的 Windows 不识别 GPT 分区形式。建议在大子 CPB 的碱温或基于 Itanium 的计算机所用的碱温上使用这种分区形式。				
3.0 確定 取消		상전 圖 打蔵상전 II 이제포리	■ 波和記式器	

3. 在新建简单卷向导点击下一步,此时出现磁盘分区大小,根据您的需求, 您可以选择将磁盘分为一个区或者多个区,简单卷大小等于当前分区的 容量,1G=1024MB,若只需一个分区,数值调到最大即可(默认数值 是最大),然后点击"下一步"。

新建简单卷向导	X
	欢迎使用新建简单卷向导
	此向导帮助您在磁盘上创建一个简单卷。
	简单卷只能在单一磁盘上。
	单击"下一步"继续。
	<上−步 (8) 下−步 (8) 入 取消

新建简单卷向导	×
指定卷大小 选择介于最大和最小值的卷大小	1.0
最大磁盘空间量 (MB):	953868
最小磁盘空间量(MB):	8
简单卷大小(MB)(S):	339333 ×
	〈上一步(8) 下一步(8) 〉 取消

#### 4. 后面不需要更改,直接点击"下一步",然后点击"完成"。



新建简单卷向导	×
	正在完成新建简单卷向导
	您已经成功完成新建简单卷向导。
	已选择下列设置:
	변호[] (阿爾奇 (法経済(加重) (西) (西) (法経済(加重) (西) (王))(西)(王)(王)(王)(王)(王)(王) (王))(西)(王)(王)(王)(王)(王)(王)(王)(王)(王)(王)(王)(王)(王)
	若要关闭此向导,请单击"完成"。
	< 上一步 (B) 完成 取消

此时磁盘就出现在您的电脑中,正常使用即可(若需分多个区,重复以上步骤即可)。



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- Please DO NOT disassemble This Product. ORICOTechnologies Co., Ltd will not Liable for Compensation or Maintenance about Improper Operation not in Accordance with Manual and Unauthorized Disassembly.
- 5. Please DO NOT Cut, Puncture or Crush This Product.
- 6. Please Keep This Product from Fire, HEAT, Water, Damp, Oil and

#### Corrosive.

- 7. Warranty will be invalid under following situation.
  - A. Out of Warranty Period.
  - B. Unauthorized Disassembly.
  - C. Improper Operation not in Accordance with Manual.
  - D. Barcode or other Identity of Product missing or altered.
  - E. Natural Disaster such as Fire, Earthquake etc.
  - F. Failure Cased by Accessories which is not Manufactured by ORICO.
  - G. No Proof of Purchase.

## What is in the box

Please make sure you get a complete package lists as listed below, if not, contact a retailer or ORICO customer service for further help.

ORICO 3529RUS3	1PCS
USB3.0 Cable	1PCS
eSATA Cable	1PCS
Power Cord	1PCS
Power Adapter	1PCS
User Manual	1PCS
Service Card	1PCS

## Warm Prompt

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 Understanding. Please Adhere to the Original Products and Contact ORICO Customer Care Team if any Further Concern. Thank you very much.

## About this Product

ORICO 3529RUS3 Tool Free Aluminum 3.5 inch SATA Hard Drive RAID Enclosure fit 2 x 3.5 inch SATA I/II/III Hard Drive or SSD, Tool Free Construction allow to mount or unmount Drive in seconds with no additional Tools, It's Ideal Design to manage Massive Files and Drives.

ORICO 3529RUS3 Built-in Hardware RAID Controller support RAID (Redundant Array of Independent Disks) Level RAID 0, RAID 1, Big and Normal. Big multiple disk drive components into a logical unit for the purposes of data redundancy and performance improvement, Provide various Applicability.

ORICO 3529RUS3 with USB3.0 and eSATA Dual Super Speed Ports support Connectivity up to 5Gbps which is 10x Faster to USB2.0. Helps to Transfer your files in a breeze. If you are looking for a solution to manage all your 3.5 inch SATA Drives or Backup your Files, This Aluminum Hard Drive RAID Enclosure is the Must–Have-Device that should Set on your Desk.

# **Installation Guide**



1. Press and pull the Lock of tool free hard drive tray as following instruction shows to Remove the Tray from the Enclosure.



Locked

Unlocked





locked properly

Clips not locked

properly

3

3. Insert the tray and the drive to the enclosure





### 4 Done

# **Build RAID**

## About RAID

- ORICO 3529RUS3 Support RAID Level RAID 0, RAID 1, Big and Normal
- RAID 0=Combine All Drives in the Enclosure and Increase Performance.
- RAID 1=One Drive is been using while another one is working as a Backup Drive. RAID 1 will not Increase Performance However it is Providing Great Safety, It is support Self-Recovery (RAID 0, Big and Normal do not support this Function), When any Drive of RAID 1 is Failed or Error. Replace the Failure or Error Drive with a Similar or Larger Drive (New one or Format it before mount it to the Enclosure ) will get the RAID and Files Self-Recovered. Note. RAID 1 Require 2x Drives and can need 2x Drives ONLY.
- Big=Simply Combine All Drives in the Enclosure. However it will not Increase Performance
- Normal=All Drives in the Enclosure is not set to any RAID. Each Drive will show in Computer as an Individual Disk.
- Two or More Drives are required for RAID 0, RAID 1, Big.
- Set Up a New RAID or Change to another RAID will get all Drives Formatted, All Files in the Drives or RAID will lost. So, Please ensure you do have Backup all Files before Set Up or change RAID.
- Please Lock Drives in the Right HDD Slots and do not mount them to another Slot. A change of the Drive's Slot may cause Failure or Damage to RAID.
- PLEASE DO NOT Eject any Drive of a Running RAID Enclosure. Eject any Drive of the RAID may cause Failure or Damage.
- Drive under Level "Normal Level" is Individual Disk. Drive will work when other Drives Ejected, However Eject any Drive or Add a New

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Drive will Restart the Enclosure and Drives. Always Eject or Add Drive when the Enclosure is Powered OFF is Recommended.

- Please ensure you DO HAVE Set the Enclosure and Drives to Normal before Set Up Any RAID Level.
- Please Caution when Set Up RAID or any Operation about Drives and RAID. Any Failure, Error or Damage about Disk, RAID and files may happen anytime. Always Backup your Files is Recommended.

### What is RAID

RAID (Redundant Array of Independent Disks) is a storage technology that Big multiple disk drive components into a logical unit for the purposes of data redundancy and performance improvement. Data is distributed across the drives in one of several ways, referred to as RAID levels, depending on the specific level of redundancy and performance required. RAID is now used as an umbrella term for computer data storage schemes that can divide and replicate data among multiple physical drives: RAID is an example of storage virtualization and the array can be accessed by the operating system as one single drive. The different schemes or architectures are named by the word RAID followed by a number (e.g. RAID 0, RAID 1). Each scheme provides a different balance between the key goals: reliability and availability, performance and capacity. RAID levels greater than RAID 0 provide protection against unrecoverable (sector) read errors, as well as whole disk failure.

### Standard Levels

A number of standard schemes have evolved. These are called levels. Originally, there were five RAID levels, but many variations have evolved-notably several nested levels and many non-standard levels (mostly proprietary). RAID levels and their associated data formats are standardized by the Storage Networking Industry Association (SNIA) in the Common RAID Disk Drive Format (DDF) standard.

#### RAID 0

RAID 0 comprises striping (but no parity or mirroring). This level provides no data redundancy nor fault tolerance, but improves performance through parallelism of read and write operations across multiple drives. RAID 0 has no error detection mechanism, so the failure of one disk causes the loss of all data on the array.

#### RAID 1

RAID 1 comprises mirroring (without parity or striping). Data are written identically to two (or more) drives, there by producing a "mirrored set". The read request is serviced by any of the drives containing the requested data. This can improve performance if data is read from the disk with the least seek latency and rotational latency. Conversely, write performance can be degraded because all drives must be updated; thus the write performance is determined by the slowest drive. The array continues to operate as long as at least one drive is functioning.



### How to Set Up RAID

RAID can be Set through Control Switch on Rear Panel or ORICO HW RAID Manager. Both of them can help you Set Up RAID in Seconds. Remind-Please ensure you do have backup all files in Drives before Set Up RAID.

### Set Up RAID via Control Switch on Rear Panel

- Turn OFF the Enclosure, Turn the Control Switches on Rear Panel to "Normal". Then Press &Hold the "Set" Button and Turn ON the Enclosure. Hold the Set Button for 10 Seconds and The Enclosure will switch to Normal Level. A Beep will let you know the Setting is Done and you can Release the Set Button when you heard it.
- 2. Turn OFF the Enclosure, Turn the Control Switches to the Right RAID Level you wanna Set. Then Press &Hold the Set Button on Rear Pane land Turn ON the Enclosure. Hold the Set Button for 10 Seconds and The Enclosure will switch to Right RAID Level. A Beep will let you know the Setting is Done and you can Release the Set Button when you heard it.
- 3. RAID or Drives will show up in Computer soon after the Setting is Done. Then Initialize and Format New Drives or RAID will get them Ready to Use. If they are not show up as expected, Please Restart the Enclosure with Drives and your Computer, Or Try to set the RAID Again. Do remember to contact ORICO Customer Support if you have any further issue.

### Set Up RAID via ORICO HW RAID Manager

1. Load ORICO HW RAID Manager Utility from the Driver CD or Download it from ORICO Website. Utility for both Windows, Mac OS and Linux are included, Please ensure you are loading the Right Utility for your System. The following Direction will describe how to Set Up RAID through ORICO HW RAID Manager Under Microsoft Windows.



2. Turn OFF the Enclosure and Drives. Run Setup.exe in Folder of ORICO HW RAID Manager for Windows and Clink "Install" to Install the ORICO HW RAID Manager. Click "Finish" when the Installation is Finished. Note. A Restart of your Computer may needed when the Installation is Finished.



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3. A Shortcut of ORICO HW RAID Manager will show on your Desktop when the Installation is Finished. Turn ON the ORICO Enclosure with Drives and run ORICO HW RAID Manager can start the Setting or Management of RAID Level to the Enclosure.



4. "Basic RAID Configuration" Under "Basic Mode" will show the Information of your RAID and help you Set Up your RAID. Available RAID Levels will show here too. Select the RAID Level you Preferred and Click "Apply" Button at Bottom-Right will set up your RAID.



Note

- 4.1 Some RAID Levels will not Available here since the Drives can't Set Up to those RAID Levels. For Example, RAID 10 do need 4 Drives. However ONLY 2 Drives been Mounted here. The Two Drives can't Set Up to RAID 10,So the RAID 10 Level will not Available here.
- 4.2 Please Select "Delete All RAID", Then Click "Apply" to Set the Enclosure with Drives to "Normal Level" if you do have Set Up RAID and would like to Switch to other RAID Levels.
- 4.3 Select your RAID Level, Select "Support Password" and input the Password, Then Click "Apply" Button will help you Set Up your RAID and set a Authority Password for it. The Authority Password can't Encrypt your RAID, Drives or Files, However it will be needed when change to other RAID Levels through ORICO HW RAID Manager. The Authority Password will help you Avoid any Un-Authorized or Un-Expected Change to your RAID and Drives.
- 5. The Following Popup with a Remind will come up when Applied your RAID Level. Please ensure you do have Read it and Click "Yes" if you do wish to Set Up the RAID. Click "No" will end the Processing.



6. The Configuration will Finish Automatically in Minute. A Popup will shows up to let you know when the setting is finished.



7. RAID or Drives will show up in Computer soon after the Setting is Done. Then Initialize and Format New Drives or RAID will get them Ready to Use. If they are not show up as expected, Please Restart the Enclosure with Drives and your Computer, Or Try to set the RAID Again. Do remember to contact ORICO Customer Support if you have any further issue.





7. RAID or Drives will show up in Computer soon after the Setting is Done. Then Initialize and Format New Drives or RAID will get them Ready to Use. If they are not show up as expected, Please Restart the Enclosure with Drives and your Computer, Or Try to set the RAID Again. Do remember to contact ORICO Customer Support if you have any further issue.



8. "Email Notification and Event Settings" under "Advanced Mode" will help you set Email Notification and Rules of Notification. However please kindly understand that "Email Notification" is not Available now. Our Engineers is working on that now and we will let you know once it is ready.

		ORICO" HW RAID Manager	
I.		Email Notification and Event Settings	
	€⊒.,	SMTP Server Name: SMTP Server Port. Sender E-mail: Sender Unername: Sender Password:	
	1	Recipient E-mail(s):	
	0000	Select event(s) for notification:	1 X
		ADD in broken mode     ADD in broken mode     Abd in broken mode     Abd in degrade mode     ADT in degrade mode     ATH in degrade mode     ATH is abnormal	* H
		Send Mail Test Load From Profile Save T	o Profile
Ľ		Δp	ply <u>C</u> ancel
	<u>an</u>		ply <u>Cancel</u>

9. "Firmware Information" under "Advanced Mode" will shows the Information of the Enclosure, Firmware etc. Additionally you can update the Latest Firmware from here. Receive the Latest Firmware from ORICO or Download it from ORICO Website, Then Click "Browse" Button to Select the Firmware and Click "Update" Button will Apply the Latest Firmware. When Applying Firmware Update, Backup Files and Switch to Normal Level is Recommended.



## Initialize and Format New Drives under Microsoft Windows

New Drive or RAID need to be Initialized and Formatted or it won't work for us. Please follow the following Direction to Initialize and Format your Drive Under Microsoft Windows if you are using a New Drive or Setted a New RAID.

 Please ensure you have mounted Drive to ORICO Enclosure and Attach the Enclosure with Drive to Computer Properly. Then Right click on computer, Select "Manage", Open "Disk Managemen" in "Storage" of opened windows. A Popup will Come Up Here Suggests a New Drive need to be Initialized. Please Select the Disks and Click OK will get it Initialized.



#### Note

- A. If you are Mounting a Drive which not Larger than 2TB and May using on a Windows Vista or Eariler Computer, Initialize with Partition Style MBR is Recommended.
- B. If you are Mounting a Drive which Larger than 2TB, Please Initialize with Partition Style GPT. Or you will get 2TB of the Drive Applicable and the Rest will be unable to Use.
- C. If you Closed this Windows by Mistake or the Windows have never come up, Right Click on the "Disk Number" and Select "Initialize Disk" will get the Windows come up.
- Any HDD or SSD attached to this Computer will shows in "Disk Management" we opened in Step 1. The Unallocated Drive is your New Drive which need to be Formatted.



 Right Click on Unallocated New Drive, Select "New Simple Volume" will start to Add New Volume and Format it.



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Computer Management (Local     System Tools     System Tools     System Tools     Sore Stark Scheduler     Sore Scheduler     Services and Applications	Volume (C:) New Volu 新加蓉 (D:) 新加蓉 (E:)	Simple Simple Simple Simple	Basic	Healthy Healthy	/ (System, Boot, / (Primary Partit / (Primary Partit / (Primary Partit
	Disk 0 Basic 931.51 GB Online		) GB NT thy (Sy	NT 83	加卷 (E:) 1.51 GB NTFS salthy (Primary
	Disk 1 Basic 931.51 GB Online	931.5	r <b>Volur</b> 51 GB N thy (Pri	n)	

4. Click "Next".



5. Set the Volume Size of your New Volume. You can Customize the Size. Or You can Set the Size of the Volume at Maximum Disk Space to Set the Drive to One Volume.

Specify Volume Size Choose a volume size that is betwee	en the maximum and minimum sizes.
Maximum diak space in MB: Minimum diak space in MB: Simple volume size in MB:	953867 8 3000000
	< Back Next > Cancel

6. Assign New Drive Letter for the New Volume. Drive Letter such as C, D, E, F, G will shown in Computer and Explorer for Application.

Assign the following drive letter:     F
Mount in the following empty NTFS folder:
Browse
Do not assign a drive letter or drive path

7. Format your New Volume. You can choose the File System (NTFS or FAT32), Allocation Unit Size and Volume Label Perform a Quick Format is Recommended. Please click "Next" when Everything is Configured.

Choose whether you want to form	nat this volume, and if so	, what settings y	ou want to use.
Do not format this volume			
O Format this volume with the	e following settings:		
File system:	NTFS	•	
Allocation unit size:	Default	-	
Volume label:	New Volume		
Perform a quick form	at		
Enable file and folde	compression		

8. Click "Finish" will Start to Format the Volume.



9. The Formatting will take 5 to 30 Seconds. When the Formatting is Done, The New Volume will be Ready for Application.

	통 함				
Computer Management (Local Computer Management (Local Computer Management (Local Computer Scheduler Computer Scheduler Computer Scheduler Computer Management Compute	Volume (C:) New Volu 新加蓉 (D:) 新加蓉 (E:)	Layout Simple Simple Simple Simple	Basic	File System NTFS NTFS NTFS NTFS NTFS	Status Healthy (Yortem, Bic Healthy (Primary Pa Healthy (Primary Pa Healthy (Primary Pa
	931.51 GB Online		0 GB N lthy (Sy		
	New Volume (F:)           931.51 GB         931.51 GB NTF5           Online         Healthy (Primary Partition)				

10. If you have not Set the Size of the Volume at the Maximum Disk Space. The Rest Space of the Drive will be Unallocated and you can Repeat Step 3 to 9 to get them Created and Formatted.

## **Trouble Shooting**

Please try the following Steps if Drives can't been Mounted Properly.

- A. Please check if USB Hosts of Computer are working Properly. Attach ORICO Device and Drive to Rear USB Hosts is Recommended if you are using a Desktop Computer.
- B. Mount ONE Drive for Test is Recommended. Please check if the ORICO Device will works well when ONE Drive Mounted to HDD Slot 1.
- C. Please ensure the Cable and Power Adapter attached properly.
- D. Please check if the LED of ORICO Device will on or not when Drive Mounted and Powered On.
- E. Please ensure the Drive have been Formated Properly. Right click on computer, Select "Manage", Open "Disk Managemen" in "Storage" of opened windows will shows any Drive mounted to your Computer and if they are Formated or Not. Please follow the Direction of "Initialize and Format New Drives under Microsoft Windows" if you are mounting New Drives.
- F. Please Test the ORICO Device and Drive works well with other USB3.0 or 2.0 Hosts or another Computer if available.
- G. Please Test the ORICO Device and Drive works well with other USB3.0 Cable or USB2.0 Cable for Printer if available.

H. Please Test the ORICO Item with another 12V Power Adapter if Available.

If any Issue Remains, Please Contact ORICO Customer Care Center and let us Know the Detailed info of your Drive and Computer with a Screen Shot of "Disk Management" & "Disk Drives" under "Device Manager". ORICO Customer Care Center will always be here to help.

ORICO Customer Care Center Website: http://oricoonline.us ORICO Customer Care Team: Supports@orico.com.cn Tel: 86-755-25196059

#### FCC and CE Radiation Norm

#### FCC

This equipment has tested and found to comply with the limits for Class B digital device pursuant to Part 15 of Federal CommunicationsCommission (FCC) rules.

#### CE

This equipment has tested and found to comply with the limits of the European Council Directive on the approximation of law of themember states relating to electromagnetic compatibility (89/336/ECC) according to EN 55022 Class B.

#### FCC and CE Compliance Statement

These limits are designed to reasonable protection against frequency interference in residential installation. This equipmentgenerates.uses and can radiate radio frequency energy, and if not installed or used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarante that interference will not occur in television reception,which can be determined by turning the equipment off and on.The user is encouraged to try and correct the interference by one ormore of the following measures. Receivent or rotacte the receiver is commented to.

#### CAUTION!

The Federal Communication Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate theequipment.

#### **Disclaimer Statement**

Thank you for your choice to purchase and use ORICO products! Please read this user manual carefully before usingthe product, to ensure correct operation method. We strongly recommend you to make data backup before using this product so as to make sure your data are completely safe. As the equipmentmanufacturer, ORICO do not afford any direct or indirect responsibility for documents and data lose caused by any factor. Manufacturers do not have the obligation to afford any compensation and data recovery. ORICO Technologies Co., Ltd do not make special promise tousers and distributors, ORICO do not afford any unexpected data lose, direct or indirect loss. If you start to use this product, that meansyou understand and accept this disclaimer!

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(1) The product does not belong to ORICO's authorization of warranty, specification alteration and parts replacement.

(2) Product bar code is vague or lost.

The user manual will update as the product specification or driver's change. Please visit the ORICO official website to get the details: www.orico.com.cn.