# NS

## NS-USB3.1 Type-C Series

用户指南

User's Manual

ORICO®
LEADING TECHNOLOGY

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Take you to explore the newest storage fun.

EASY YOUR PC

# 目录

# 一、产品简介

## 1.1 ORICO NS 系列硬盘柜产品简介

该系列硬盘柜属于 ORICO 定位高端的存储系列产品，采用铝镁合金材质打造的机身，表面喷砂阳极氧化工艺处理，优秀的外观设计，让整个产品质感十足；独特的磁吸开盖方式，让安装硬盘变成了一种非凡的体验；Type-C 接口采用 USB3.1 To SATA3.0 6Gbps 主控方案，支持支持 USB3.1 Gen1 5Gbps 高速率传输与 UASP 加速协议，ORICO 存硬盘储柜以全新的设计将为你带来不同的产品使用体验！

## 1.2 测试产品注意

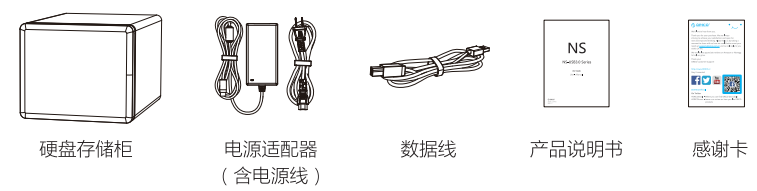为避免您的硬盘资料丢失，阅读此说明书时，请使用没有储存文件的硬盘进行试用，这样可以安全熟悉产品的使用。

## 1.3 产品特色

### 1.31 功能特色

● Type-C 接口支持正反插拔；

● 支持 SATA ⅠⅡⅢ，最高支持 6.0Gbps；

● 部分机型内置静音散热风扇，散热强劲；

● 支持 UASP 加速协议，可有效提升速率 20%；

● 外置大功率强劲电源供电，保障硬盘稳定运转；

● 支持热插拔，即插即用。

### 1.32 结构设计、外观特色

● 前面板采用独特设计的磁吸式结构，将盖子轻轻靠近产品就可准确合上；

● 后面板大面积条形散热孔设计，配合机身金属散热，全方位高效散热；

● 机身四周采用一体成型铝脊加圆弧倒角，简约稳重；

● 表面喷砂氧化阳极处理工艺，有黑、银两款色彩。

## 1.4 包装清单



硬盘存储柜    电源适配器    数据线    产品说明书    感谢卡
（含电源线）

由于产品更新改进的需要，产品以及包装或配件的外观有变动的可能，请以您收到的实物为准，感谢您的支持！如有缺失，请您联系购买的经销商。

## 1.5 关于此说明书

该说明书为 NS 系列不同盘位带 Type-C 接口的产品系列，该系列具体型号如下表格：

| 型号 | NS100C3，NS200C3，NS400C3，NS500C3，NS800C3 |
|---|---|

## 二、产品使用说明

## 2.1 外观



① 电源按键    ② Type-C 接口    ③ 电源接口    ④ 硬盘柜前盖    ⑤ 硬盘指示灯

| 序号 | 名称 | 说明 |
|---|---|---|
| ① | 电源按键 | 产品电源的开关 |
| ② | Type-C 接口 | 硬盘柜与电脑的数据传输口，数据线的插入位置 |
| ③ | 电源接口 | 12V 电源输入接口（务必使用原厂电源适配器） |
| ④ | 硬盘柜前盖 | 具有磁吸功能，磁吸附方式开关 |
| ⑤ | 硬盘指示灯 | 最右侧为电源灯，其他为硬盘指示灯<br>（注：NS100C3 只有一个指示灯） |

## 2.2 硬盘指示灯



硬盘指示灯    电源指示灯
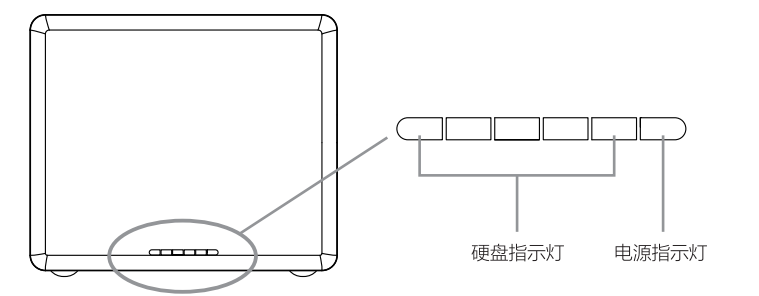
| LED 灯状态 | 详细 |
|---|---|
| 通电 | 电源灯常亮蓝色 |
| 插入硬盘 | 硬盘灯常亮蓝色，无硬盘时候，硬盘灯不亮 |
| 读取 | 硬盘灯蓝色闪烁 |
| 故障 | 硬盘灯红色常亮 |
| 休眠 | 硬盘灯熄灭 |

## 2.3 产品参数

| 项目 | 参数详细 |
|------|----------|
| 系列 | 带 Type-C 接口 |
| 传输接口 | USB3.1 Type-C |
| 传输速率 | 5Gbps / NS100C3 可支持 10Gbps( 理论值 ) |
| 支持硬盘 | 3.5 寸 SATA 硬盘 |
| 指示灯状态 | 有 |
| 安装方式 | 磁铁吸附式、免工具 |
| 材质与结构 | 铝合金 +ABS |
| 支持系统 | windows / Mac / Linux |

NS 系列不同型号的尺寸：

| 型号 | 尺寸 |
|------|------|
| NS100C3 | 215.5（L）x 42（W）131 x（H）mm / 8.48 x 1.65 x 5.16 inch |
| NS200C3 | 223（L）x 71（W）x 134（H）mm / 8.8 x 2.8 x 5.28 inch |
| NS400C3 | 223.5（L）x 129（W）x 135（H）mm / 8.8 x 6.3 x 5.31 inch |
| NS500C3 | 223.5（L）x 159.6（W）x 136（H）mm / 8.8 x 6.28 x 5.35 inch |
| NS800C3 | 247.6（L）x 225（W）x 140（H）mm / 9.75 x 8.86 x 5.51 inch |

## 2.4 操作说明

### 2.4.1 硬盘安装



第一步：打开硬盘柜

用手按住产品不动，另外一只手直接向外抽出磁吸盖子。



第二步：放入硬盘

用硬盘顶开弹片，将硬盘有接口的一端朝向硬盘柜插入硬盘通道。

注意：硬盘的正面（有贴纸）朝左边，插入硬盘）。



最后步骤：盖上盖子

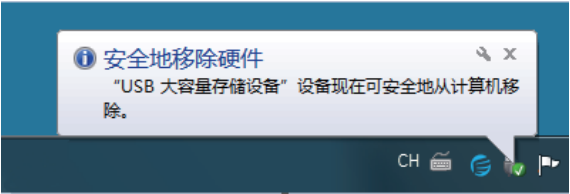将盖子盖上，盖子会自动被硬盘柜吸附盖好。

### 2.4.2 连接电脑

放入硬盘后，用原装的电源设配器插入电源口，使用数据线连接产品的数据口，另外一端连接到电脑的 USB 接口，连接好之后再按一下开关键。

### 2.4.3 卸载硬盘

注意：当需要卸载硬盘时，请先停止对硬盘内数据文件的读取与使用，否则将无法正常退出，强行退出可能会导致您的数据异常或丢失。

（1）从 windows 系统卸载：

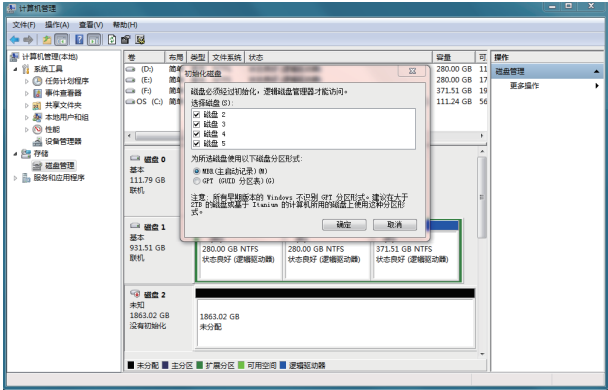首先停止硬盘读写操作，然后单击任务栏 USB 小图标，选择要卸载的磁盘驱动器，完成卸载。

（2）从 MAC 系统卸载：

首先停止硬盘读写操作，把磁盘驱动器拖动到回收站，即可完成卸载。

## 三、硬盘格式化分区操作

### 3.1 硬盘格式化分区操作

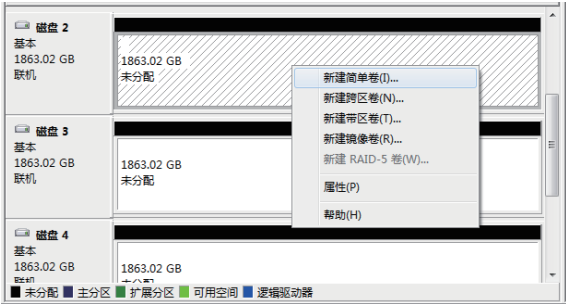使用全新的硬盘需要先初始化、格式化分区，否则无法正常工作。如果是全新的硬盘，请按照以下方法对硬盘进行初始化、格式化分区操作。

（1）请确保 ORICO 硬盘柜已经正确安装，连接到了电脑；

（2）鼠标右击 "计算机"，然后选择 "管理"，在打开的新窗口找到 "磁盘管理"，自动弹出了初始化新硬盘的窗口，选择 "MBR" 或 "GPT" 分区形式，点击 "确认"。



注意：

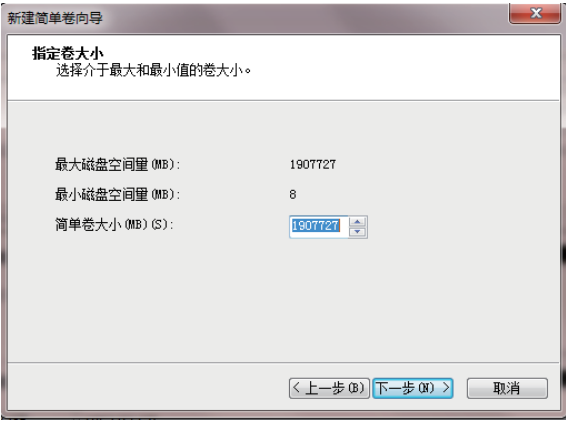• 如果硬盘容量小于 2TB，请使用 MBR 硬盘分区形式初始化硬盘；

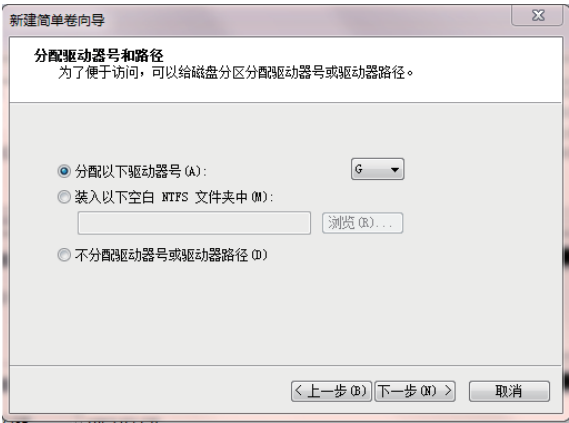• 如果硬盘容量大于 2TB，则必须要使用 GPT 硬盘 分区形式初始化硬盘，否则将只有
  2TB 容量可用，多余的容量无法使用。
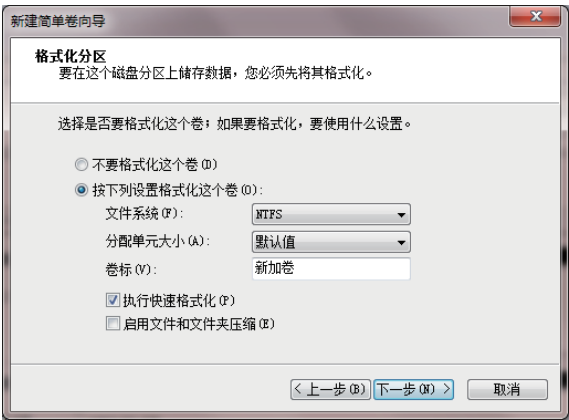
（3）鼠标右击 "未分配" 的硬盘空间，选择 "新建简单卷"，开始给硬盘分区格式化；



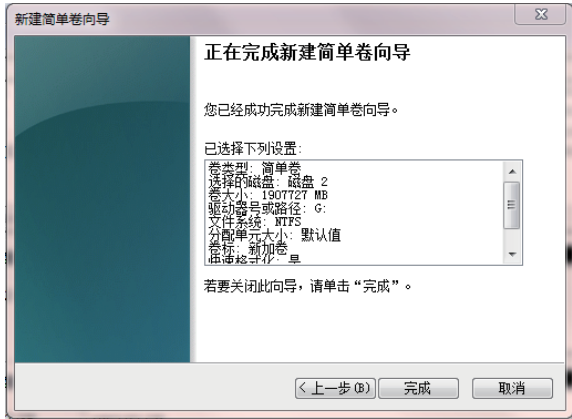（4）设置硬盘分区的容量大小，可自定义分区容量，或者默认设置最大简单卷大小，将会只有一个硬盘分区。

（5）分配硬盘盘符和路径 ，( 如 : 资源管理器 C，D，E，F，G 盘 ) 盘符。



（6）格式化分区，可以设置文件系统格式（NTFS、FAT32 或 exFAT），分配单元大小（默认即可），卷标名称，推荐 "执行快速格式化"，配置完成，点击 "下一步"。



（7）点击 "完成" 执行最后的格式化分区操作。



（8）格式化将需要 5-30 秒钟，格式化完成后将会在资源管理器显示新的分区盘符。

# 四、其它

## 4.1 产品故障排除

产品如有出现在计算机内不能识别的情况可以根据以下 2 点进行相应的处理方式；

- 在 XP 系统下，由于 XP 本身系统限制，超过 2TB 容量硬盘不能正常使用，可更新系统到 WIN7 下使用即可；
- 如已经在 WIN7 系统下使用不能显示硬盘，可以先看看硬盘是不是全新硬盘，新硬盘需要在计算机管理内进行硬盘初始化后方可使用；

如果问题仍然存在，请联系奥睿科客户服务中心让我们知道你的详细信息和计算机屏幕的 **"磁盘管理"** 和 **"磁盘驱动器"** 下的 **"设备管理器"**。奥睿科客户服务中心将在这里帮助您完成您的家庭办公存储中心。

奥睿科客户服务中心网站：http://www.orico.com.cn
奥睿科客户服务团队：supports@orico.com.cn
电话：86-755-25196059

## 4.2 保修

### 4.21 保修条款

本产品依照《中华人民共和国消费者权益保护法》和《中华人民共和国产品质量法》提供售后三包服务。

（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）自签收之日起 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 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。

### 4.22 保修限制条款

深圳市元创时代科技有限公司保修条款不适用于以下情况：

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。

## 4.3 版权声明

深圳市元创时代科技有限公司，版权所有

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。

本使用说明中提及的其他所有产品名称、商标、服务名称和公司名称，由其各自的所有者拥有。本使用说明所提及的信息仅供参考，深圳市元创时代科技有限公司保留随时修改本使用说明中任何信息的权利，无需提前通知。除非有特殊约定，本使用说明仅作为使用指导，本使用说明中的所有陈述、信息等均不构成任何形式的担保。

深圳市元创时代科技有限公司不对因使用本使用说明相关内容及本使用说明描述的产品而产生的任何特殊的、附带的、间接的、继发性的损害进行赔偿，也不对任何利润、数据、商誉或预期节约的损失进行赔偿。在相关法律允许的范围内，在任何情况下，深圳市元创时代科技有限公司对您因为使用本使用说明描述的产品而遭受的损失的最大责任（除在涉及人身伤害的情况中根据适用的法律规定的损害赔偿外）以您购买本产品所支付的价款为限。

## 4.4 关于我们

深圳市元创时代科技有限公司成立于 2009 年，是一家集研发、生产、销售和技术服务为一体的全球顶级数码配件品牌商，基于 "Easy Your PC" 原创设计理念，自创品牌 ORICO（奥睿科），让创新配件再造智能设备新生命、新体验，唤醒消费者的潜在需求。

# Catalog

# Ⅰ Product overview

## 1.1 The manual of ORICO NS disk station
The series of disk stations are ORICO high-end storage products, with aluminum-magnesium alloy body and anodizing surface, a kind of great products with excellent design; Unique magnetic opening type provides you a nice installation experience; Type-C interface with USB3.1 To SATA3.0 6Gbps program, supporting USB 3.1 Gen1 5Gbps high speed transmission and UASP Acceleration Protocol. ORICO disk station will bring you a different product experience with a new design.

## 1.2 Notice
To avoid loss of data of your hard drive, reading this manual, trying to use a hard drive that does not have a saved file, so that you can safely familiarize yourself with the use of this product.

## 1.3 Features
### 1.3.1 Product Functions
(1) Support SATA1, SATA2, SATA3, speed up to 6Gbps;
(2) Type-C interface supports forward and reverse insert;
(3) Some models have built-in silent cooling fan, strong cooling function;
(4) Support UASP Acceleration Protocol, can effectively improve the rate of 20%;
(5) External high-power power supply to protect the hard drive's stable operation;
(6) Support hot-swappable, plug and play.

### 1.3.2 Structural design, appearance characteristics
(1) Unique magnetic opening type of the front panel, the lid can be closed exactly and easily;
(2) Many cooling holes in rear panel to meet the metal body heat dissipation;
(3) Aluminum ridge plus arc chamfer design of the periphery of the product, simple and stable;
(4) Sandblasted anodized surface , black and white color choices.

## 1.4 What's in the box

| NS Disk Station | power adapter and Date cable | Data cable | Manual | Thank-you card |
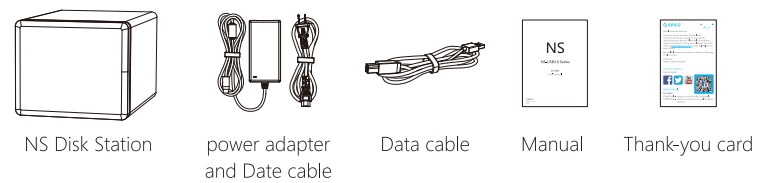
Due to the need to update the product, the appearance of the product and the packaging or accessories may change, please take the real object you received, thank for your support! If you have any questions, please contact your dealer.

## 1.5 About the manual

This manual is compatible for the NS products with Type-C interface. The corresponding products are as follow.

| Model | NS100C3，NS200C3，NS400C3，NS500C3，NS800C3 |

## Usage manual

## 2.1 Appearance

① Power button          ② Type-C interface          ③ Power interface
④ Front  lid            ⑤ Hard drive indicator

| NO. | Name | Instruction |
|---|---|---|
| ① | Power button | Power switch |
| ② | Type-C interface | Data transfer interface, the insertion |
| ③ | Power interface | 12V power input interface (always use the original power adapter) |
| ④ | Front  lid | Magnetic opening type |
| ⑤ | Hard drive indicator | The right one is power light, other lights are hard drive light (Note: The NS100C3 has only one LED light) |

## 2.2 Hard drive indicator

Hard drive light          Power light
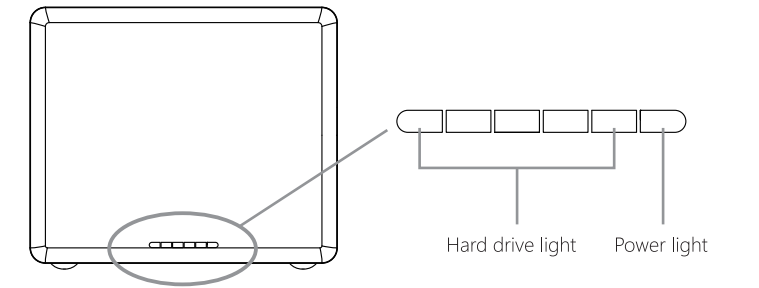
| The status of LED indicator | Details |
|---|---|
| Power | Power light always is blue |
| Insert hard drive | Hard drive light always is blue; no hard disk, the hard drive light does not shine |
| Read | The hard drive light blinks blue |
| Malfunction | The hard drive light always is red |
| Hibernation | The hard drive light does not shine |

## 2.3 Product parameter

| Catalog | Parameter |
|---|---|
| Series | Products with Type-C interface |
| Interface | USB3.1 Type-C |
| Speed | 5Gbps / NS100C3 Support 10Gbps (Theoretical value) |
| Disk supported | 3.5inch SATA HDD |
| Indicator | Yes |
| Installation | Magnetic opening type, tool-free |
| Texture | Aluminum alloy +ABS |
| System supported | windows / Mac / Linux |

| Model | Size |
|---|---|
| NS100C3 | 215.5 ( L ) x 42 ( W ) 131 x ( H ) mm / 8.48 x 1.65 x 5.16 inch |
| NS200C3 | 223 ( L ) x 71 ( W ) x 134 ( H ) mm / 8.8 x 2.8 x 5.28 inch |
| NS400C3 | 223.5 ( L ) x 129 ( W ) x 135 ( H ) mm / 8.8 x 6.3 x 5.31 inch |
| NS500C3 | 223.5 ( L ) x 159.6 ( W ) x 136 ( H ) mm / 8.8 x 6.28 x 5.35 inch |
| NS800C3 | 247.6 ( L ) x 225 ( W ) x 140 ( H ) mm / 9.75 x 8.86 x 5.51 inch |

## 2.4 Instructions

### 2.4.1 Hard drive Installation



Step1: Open the disk station, hold the product by hand, and pull out the magnetic lid directly with another hand.



Step2: Put the hard drive into the disk station, use the hard drive to open the shrapnel, insert one end of hard drive with interface into the disk channel.

Note: Insert the hard disk, with the front side of the hard disk (with sticker) to the left.



Step3: Close the lid, the lid will be automatically adsorbed by the disk station for the magnetic opening type.

### 2.4.2 Connect with computer

After inserting the hard drive, insert the original power adapter into the power port, use the data cable to connect the product data port, and the other end is connected to the computer's USB port.

### 2.4.3 Remove Devices

(1) Remove it from the Windows system

First, stop the read and write operations of the hard drive, and then click the USB small icon on the taskbar, select the disk drive that is needed to be uninstalled to complete uninstall.

## (2) Remove it from MAC

First, stop the read and write operations of the hard drive, and then drag the disk drive to the Recycle Bin to complete the uninstall.

## Ⅲ Initialize and Format New Drives under Microsoft Windows

New drive need to be initialized and formatted or it won't work. Please follow the following direction to initialize and format your drive if you are mounting a new drive.

(1) Please ensure you have mounted drive to ORICO dock properly and attach the orico dock to computer.

(2) Right click on computer, Select **"Manage"**, Open **"Disk Management"** in **"Storage"** of opened windows. a popup will come up here suggest a new drive need to be initialized. please select the disks and click ok will get it initialized.
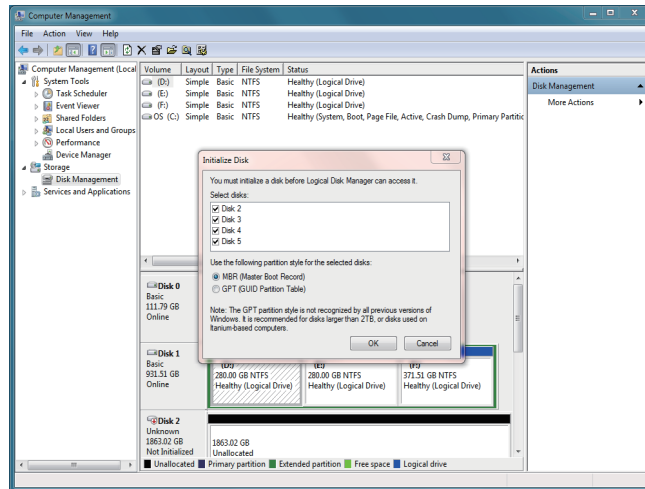


Note:
A. if you are mounting a drive which not larger than 2TB and may using on a windows vista or eariler computer, initialize with partition style MBR is recommended.
B. If you are mount a drive larger than 2TB, initialize with partition style GPT is recommended. or you will get 2TB of the drive applicable and the rest will be unable to initialize.
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.

(3) Right click on unallocated new drive, select **"New Simple Volume"** will start to add new volume and format it.
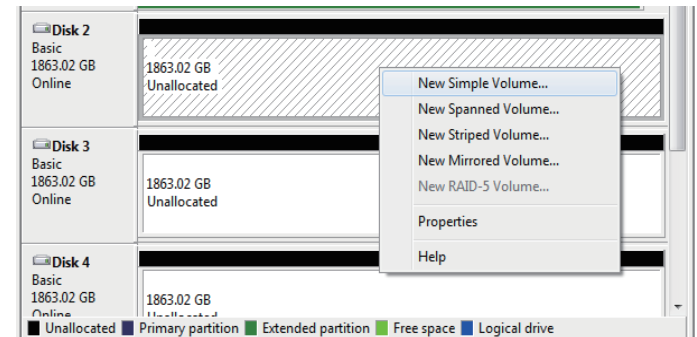


(4) set the volume size of your new volume. You can customize the size your expected. Or you can set the size of the volume at maximum disk space to set the drive to one volume.
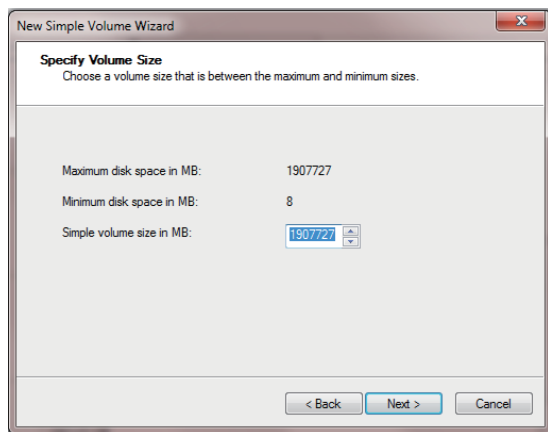
(5) Assign new drive letter for the new volume. drive letter such as C, D, E, F, G will shown in computer and explorer for application.
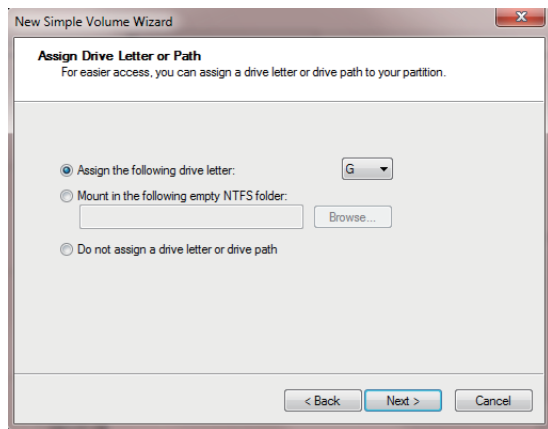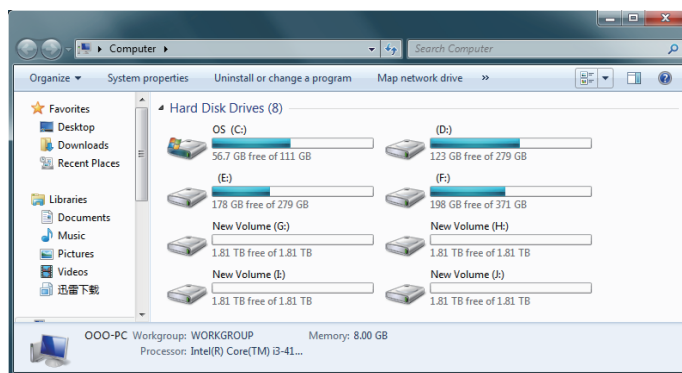


(6) Format your new volume. You can set the file system (NTFS or FAT32), allocation unitS size and volume label here. Perform a quick format is recommended. Please click **"Next"** when everything is configured.
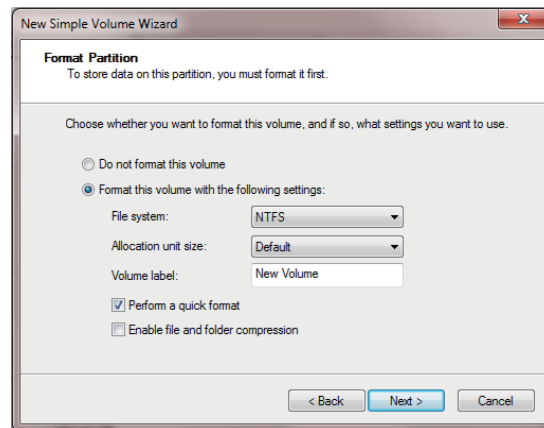


(7) Click **"Finish"** will Start to Format the Volume.
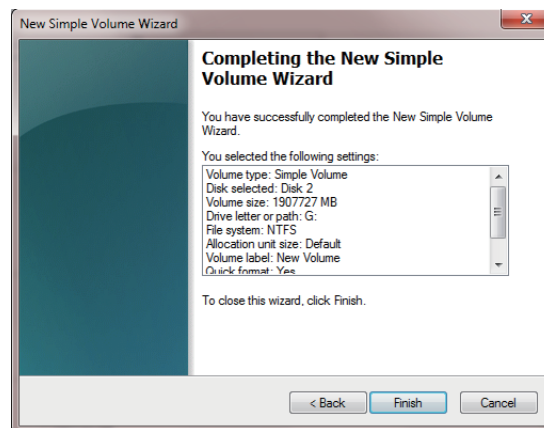
(8) The formatting will take 5 to 30 seconds. When the formatting is done, the new volume will be ready for any application.



## Ⅳ Others

### 4.1 Trouble Shotting:

(1) 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.

(2) Mount one drive for test is recommended. please check if the ORICO device will works well when one drive mounted to HDD slot 1.

(3) Please ensure the cable and power adapter attached properly.

(4) Please ensure the drive have been formated properly. Right click on computer, select **"Manage"**, Open **"Disk Management"** 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 your are mounting new drives.

(5) Please test the ORICO device and drive via other USB3.0 or 2.0 hosts or another computer if available.

(6) Please test the ORICO device and drive with other USB3.0 cable or USB2.0 cable for printer if available.

If the 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 be here to help.

ORICO Customer Care Center
Website: http://www.oricoonline.us/download.aspx
ORICO customer care team: supports@orico.com.cn
Tel: 86-755-25196059

### 4.2 Warranty

Warranty Term

ORICO Technologies Co., Ltd provide 12-Month warranty and lifetime technical support. Please contact ORICO customer care team when any issue and we will be more than happy to help you out.

Warranty Void

Warranty void upon following conditions.

1. Exceeded warranty period

2. Unauthorized disassembly or maintenance.

3. Improper operation not in accordance with manual.

4. Barcode or other identity of product missing or altered.

5. Natural disaster such as fire, earthquake etc.

6. Failure caused by accessories which is not manufactured by ORICO.

7. No proof of purchase.

### 4.3 Declaration

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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Any other product, trademark, service or company mentioned herein is trademark or registered trademark of the respective owners.
This manual is for reference only and it's not a guarantee. ORICO Technologies Co., Ltd reserve all rights of maintenance to this manual and shall not liable for any lost or damage resulting from this manual. Please kindly contact orico customer care team when any concern. ORICO Technologies Co., Ltd shall not liable for compensation and mainte-nance of the following conditions.
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.

### 4.4 About us

Rebuild the new life of intelligent equipment
Founded in 2009, ORICO Technologies Co.,Ltd. is a leading global digital accessories brand engaged in R&D, production, sales and technical services. Persisting in original design concept "easy your PC", ORICO creates innovative accessories to rebuild the new life of intelligent equipment, the new experience of using them, to awaken the potential needs of consumers.

## 备忘录 / Memorandum