MRA275R 系列
使用說明書 CE FC

TOOL FREE SCREW-LESS
[HDD-ROM] 2 x 2.5" SATA Raid硬盘抽取盒

產品規格&包裝內容

MRA275R

產品規格
作業系統：Windows/Mac
傳輸介面：支援 SATA I/II/III(6.0Gb/s)適用於2 x 2.5" SATA硬碟 支持熱插拔
LED指示燈：電源 (藍燈)；硬碟讀寫 (藍燈閃爍)；
　　　　　　硬碟故障或無硬碟(紅燈恆亮)；數據重建(紅燈閃爍)
Raid功能：Raid0/Raid1/Nor/JBOD
材　　質：五金+塑膠
硬碟厚度：9.5mm
產品尺寸：140(L)x101.2(W)x25(H)mm
工作溫度：0~50℃
產品重量：199g

包裝內容
說明書 (x1)
螺絲 (x4)

MRA275LR

產品規格
作業系統：Windows/Mac
傳輸介面：支援 SATA I/II/III(6.0Gb/s)適用於2 x 2.5" SATA硬碟 支持熱插拔
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Raid功能：Raid0/Raid1/Nor/JBOD
材　　質：五金+塑膠
硬碟厚度：9.5mm
產品尺寸：140(L)x101.2(W)x25(H)mm
工作溫度：0~50℃
產品重量：223g

包裝內容
說明書 (x1)
螺絲 (x4)
鑰匙(x1)

MRA275ALR

產品規格
作業系統：Windows/Mac
傳輸介面：支援 SATA I/II/III(6.0Gb/s)適用於2 x 2.5" SATA硬碟 支持熱插拔
LED指示燈：電源 (藍燈)；硬碟讀寫 (藍燈閃爍)；
　　　　　　硬碟故障或無硬碟(紅燈恆亮)；數據重建(紅燈閃爍)
Raid功能：Raid0/Raid1/Nor/JBOD
材　　質：五金+塑膠+鋁面板
硬碟厚度：9.5mm
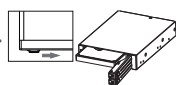產品尺寸：140(L)x101.2(W)x25(H)mm
工作溫度：0~50℃
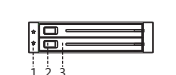產品重量：233g

包裝內容
說明書 (x1)
螺絲 (x4)
鑰匙(x2)

產品說明

MRA275R
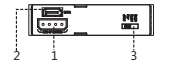
開關鍵
輕輕推動解鎖按鈕(從左至右),使面板彈出。

前面板
1.HDD LED燈
2.解鎖按鈕
3.HDD面板
1 2 3

後面板
1.1 x ATX 4Pin 電源插口
2.SATA數據連接器 (7P)
3.陣列模式調整
2 1 3

產品說明

MRA275LR

開關鍵
用鑰匙解開三角鎖(逆時針旋轉90度)即可。
🔓:解鎖
🔒:鎖閉

MRA275ALR

開關鍵
用鑰匙解開三角鎖(順時針旋轉90度)即可。
🔓:解鎖
🔒:鎖閉

前面板
1.硬碟抽取開關鎖
2.硬碟讀寫指示燈
3.硬碟抽取拉門
1 2 3

安裝
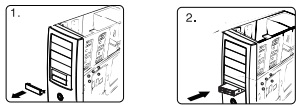
1.卸下電腦機箱前方3.5" 空槽面板（軟體驅動器空間）
2.小心插入抽取盒並使底座之與機箱前面板平齊,抽取盒孔位與機箱孔位對齊.
3.每邊使用2個螺絲,4孔固定.

連接

1.先將產品RAID切換至所需位置.
2.請將機箱電源上的ATX-4P電源端子,連接至抽取盒之ATX-4P端口.
3.請將SATA7P訊號線一端連接抽取盒,另一端插入主機板訊號埠或者RAID卡上的訊號埠.如圖.

SATA 接線口

ATX-4P電源線接頭

⚠ 1.線材與電腦主機或與抽取盒相接前,務必確認兩端均無雜物附著在端子上面,以免造成電性短路。

安裝硬碟基本步驟

1.先將Raid切換至所需位置,輕輕推動HDD-ROM解鎖按鈕（從左至右）使面板彈出。
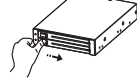
2.放入2.5" 硬碟，再關上面板。
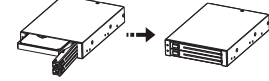
⚠ 1.插入硬碟並關上前面板時,請小心輕輕推動前面板至鎖住狀態,以免機構零件受損。
2.如果硬碟插入方向錯誤,請不要關閉前門,如強行關閉,抽取盒會被損害。

安裝硬碟基本步驟

1.先將Raid切換至所需位置,用鑰匙解開三角鎖,拉開硬碟抽取拉門,打開前門.
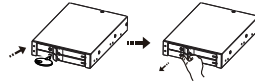
2.放入2.5" 硬碟，再關上面板。
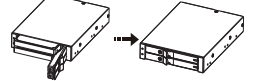
⚠ 1.插入硬碟並關上前面板時,請小心輕輕推動前面板至鎖住狀態,以免機構零件受損。
2.如果硬碟插入方向錯誤,請不要關閉前門,如強行關閉,抽取盒會被損害。

RAID說明:

1. RAID0:兩顆硬碟合併為一氣,讀取兩顆硬碟容量之和,速度較快(以最小硬盤容量為基准),資料寫入方式為打散同步寫入不同硬盤空間.
注意: 若其中一顆磁盤發生故障,所有資料都將遺失.若以資料安全考慮為主,建議使用RAID1模式.
2. RAID1:兩顆硬碟鏡射,資料同步,只能讀取一顆硬盤的容量.
注意:若其中一顆硬盤發生故障,資料不會因此遺失.更換新硬盤後資料自動恢復重建產品正常使用.
3. NOR(PM):兩顆硬盤獨立使用,如果單顆硬盤故障時,第二顆硬盤資料不會受到影響,可獨立使用.
注意:使用SATA連接時,主機板控制卡必須支援port multiplier才能使用此功能.如主機板控制卡未支援port multiplier,則僅可使用一顆硬盤,可購買SATA擴展卡來實現.
4.JBOD(SPAN):兩顆硬盤合併為一顆硬碟,讀取兩顆硬盤容量之和,資料寫入方式為依頭到尾依序寫入硬盤空間.
注意:若其中一顆硬盤發生故障,所有資料都將遺失.若以資料安全考慮,建議使用RAID 1模式.

使用步驟

1.電腦開機後,桌面右鍵點擊"我的電腦"選擇"管理",右邊視窗展開磁盤驅動器,應可看到本產品磁盤相關信息.如圖所示:ASMT109X-RAID0為本產品信息(RAID0為當前RAID設置).
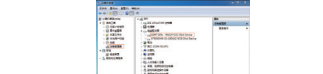
2.在左邊視窗選擇"磁盤管理"對磁盤進行分區&格式化等操作.如圖所示:
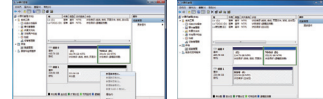
特別提示:
1.變更RAID 模式在未通電的狀態下,撥動RAID切換開關,至到選擇的RAID模式後,通電配置即變更RAID模式(注意:變更RAID 模式,將會清除原硬碟內的資料內容,請提前備份).
2.使用中禁止撥動RAID切換開關,將會導致硬碟資料遺失或損毀.
3.RAID1重建程序中,所需時間可較長但不影響資料的儲存,過程中傳輸速率會變慢,屬於正常現象(重建時間因硬碟大小不同而有差異)

⚠ **聲明:**
用戶手冊所包含的內容將受到版權法的保護未經本公司的批准,任何組織或個人不得以任何手段或形式對其進行複製,存於資料庫或檢索系統.對於在使用硬碟抽取盒過程中所造成的任何損失,本公司概不負責。

MRA275R Series
User Manual CE FC

TOOL FREE SCREW-LESS
[HDD-ROM] 2x2.5"SATA Raid HDD Enclosure

Specifications & Package content

MRA275R

Specifications
Interface : SATA up to 6Gbps
Supported HDD type : 2 x 2.5" SATA HDD
Supported HDD thickness : 9.5mm
Product Weight : 199g
Product Dimensions : 140(L)x101.2(W)x25(H)mm
Operating Temperature : 0~55℃
Operating Systems : Windows/Mac
Solid blue for power and blinking blue for HDD access
Solid red for the drive is experiencing an error
Blinking red for RAID is being rebuilt
Material:Aluminum case/SGCC cover/Plastic panel
Raid:Yes,supports Raid0/Raid1/Nor/JBOD

Package content
Screw (x4)　　　User manual (x1)

MRA275LR

Specifications
Interface : SATA up to 6Gbps
Supported HDD type : 2 x 2.5" SATA HDD
Supported HDD thickness : 9.5mm
Product Weight : 223g
Product Dimensions : 140(L)x101.2(W)x25(H)mm
Operating Temperature : 0~55℃
Operating Systems : Windows/Mac
Solid blue for power and blinking blue for HDD access
Solid red for the drive is experiencing an error
Blinking red for RAID is being rebuilt
Material:Aluminum case/SGCC cover/Plastic panel
Raid:Yes,supports Raid0/Raid1/Nor/JBOD

Package content
Screw (x4)
Key (x1)
User manual (x1)

MRA275ALR

Specifications
Interface : SATA up to 6Gbps
Supported HDD type : 2 x 2.5" SATA HDD
Supported HDD thickness : 9.5mm
Product Weight : 233g
Product Dimensions : 140(L)x101.6(W)x25(H)mm
Operating Temperature : 0~55℃
Operating Systems : Windows/Mac
Solid blue for power and blinking blue for HDD access
Solid red for the drive is experiencing an error
Blinking red for RAID is being rebuilt
Material:Aluminum case/SGCC cover/Aluminum panel
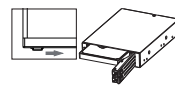Raid:Yes,supports Raid0/Raid1/Nor/JBOD

Package content
Screw (x4)
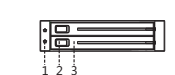Ke y (x2)
User manual (x1)

Product diagram

MRA275R

Switching button
Switch the button to the right side to open the panel.

Front view
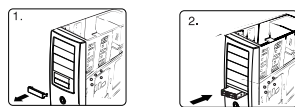1. LED indicator
2. Switching button
3. Front panel
1 2 3

Back view
1. 4P Molex power connector (4P)
2. SATA data port (7P)
3. Raid setting switch
2 1 3

Product diagram

MRA275LR

Lock
Use the key to unlock it by rotating the key 90 degrees counterclockwise.
a : Unlock
b : Lock

MRA275ALR

Lock
Use the key to unlock it by rotating the key 90 degrees clockwise.
* : Unlock
b : Lock

Front view
1. Lock
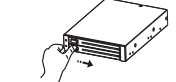2. LED indicator
3. Door handle
1 2 3

Hardware Installation

1. Remove the panel from the available 3.5" bay
2. Insert the HDD enclosure into the bay and screw it to the chassis.
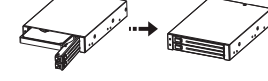3. Fix two screws on each side, four screws in total.

Connect the cables

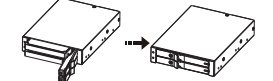Connect the HDD enclosure to the motherboard with the SATA data cables and to power with a 4P Molex power cable.

SATA data port
4P Molex power connector

⚠ 1. Avoid anti-static electricity when installing the HDD enclosure。

HDD Installation

1. Switching the Raid mode as you wish, then switch the button to the right side to open the panel.

2. Insert the HDD, close the front panel.

⚠ 1. Hard drive is a precision device, please read the HDD manual in advance before use.
2. Do not force to close the front panel if inserting the HDD in wrong direction, or the HDD enclosure will be damaged.

HDD Installation

1. Switching the Raid mode as you wish, if the HDD enclosure is locked, use the key to unlock it. Then pull the door handle and open it.
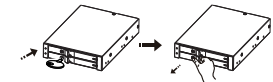
2. Insert the HDD, close the front panel. Lock the HDD enclosure if needed.

⚠ 1. Hard drive is a precision device, please read the HDD manual in advance before use.
2. Do not force to close the front panel if inserting the HDD in wrong direction, or the HDD enclosure will be damaged.

Raid setting steps

1. Power on the computer. Depending on the version of Windows OS that you're running, do one of the following:
-On your desktop, right-click My Computer and click Manage.
-On your desktop, right-click Computer and click Manage.
-Click the Start button or Windows icon. Enter compmgmt.msc and press Enter.
2. On the Computer Management screen, click Disk Management.
3. A dialog window appears that asks you to initialize the drive. Depending on the version of Windows that you're running, you have the option to create either an MBR or a GPT disk.
4. Locate the disk that is labeled as Unallocated. To confirm that the drive is the correct one, check the drive capacity.
5. Right-click the section of the window that says Unallocated and click New Partition.
6. To initialize the drive in the format of your choice, complete the on-screen instructions.
7. When the drive is successfully installed, it appears under My Computer or Computer with a drive letter assigned to it.

Warning! When you complete the above steps, all of the data on your drive will be deleted. If your drive has data on it that you require, you should create a backup file or use a different drive.

Note

1. Raid Setting Switch: Power off the product, switching the Raid mode as you wish, power on the product and complete the setting. (Warning! When you complete the setting, all of the data on your drive will be deleted. If your drive has data on it that you require, you should create a backup file or use a different drive.)
2. Do not switch Raid mode under usage, or the data on your drive will be deleted.
3. Rebuilt time may vary from different drives. The read / write speed might be slower during rebuilt.
4. For NOR mode, the motherboard or SATA host controller must support the port multiplier to recognize two 2.5" hard drives. If the motherboard or SATA host controller does not support port multiplier, only one 2.5" hard drive can be recognized.
5. We provide repair service for defective product, and do not take responsibility for data loss that caused by manual operation mistake.