STARDOM
STORAGE SOLUTIONS

DR5-SB3 快速安裝導引

產品示意圖與配件表

前視圖

背視圖
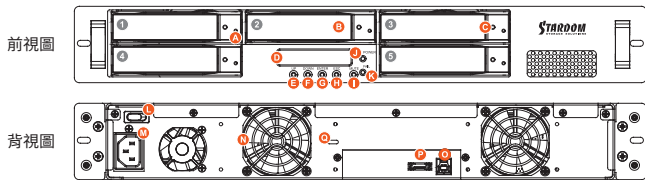
A 硬碟狀態指示燈　B 硬碟抽取盒　C 鑰匙孔　D LCM 顯示幕　E UP 按鍵
F DOWN 按鍵　G ENTER 按鍵　H ESC 按鍵　I 靜音按鈕　J 電源指示燈
K 系統警示燈　L 電源開關　M 電源插座　N 風扇　O USB3.0 連接埠
P eSATA 連接埠　Q 防竊鎖孔

本產品是採用低噪音的電源供應器，當通電時的負載未達50%，電源供應器的風扇會暫停轉動。
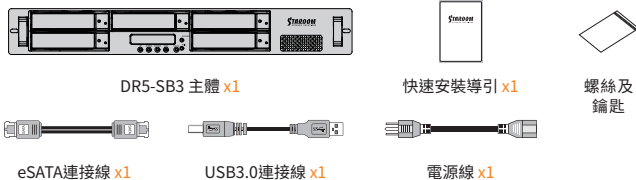
硬碟位置

硬碟位置 1　硬碟位置 2　硬碟位置 3
硬碟位置 4　硬碟位置 5
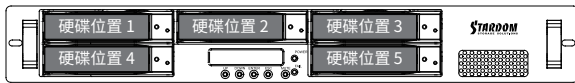
打開包裝外盒後，包裝內容應包含下列組件：

產品配件表

DR5-SB3 主體 x1　　快速安裝導引 x1　　螺絲及鑰匙

eSATA連接線 x1　　USB3.0連接線 x1　　電源線 x1

1

- 請確認相關配件與產品本身是否有受損或配件缺少，若有任何疑問請與本產品供應商聯絡。
- 請前往官網 (www.stardom.com.tw) 下載說明書、驅動程式以及其餘相關資源。

燈號說明

狀態	前面版燈號			蜂鳴器
	電源燈	警示燈	硬碟燈	
開機	藍燈恆亮	------	藍燈閃爍 → 恆亮	啟動時 1 長音
無硬碟	藍燈恆亮	------		------
硬碟故障	藍燈恆亮	------	紅燈恆亮	------
RAID 故障	藍燈恆亮	------	紅燈恆亮	4 短音
硬碟閒置	藍燈恆亮	------	藍燈恆亮	------
格式化	藍燈恆亮	------	藍燈閃爍	------
資料存取	藍燈恆亮	------	藍燈閃爍	------
風扇故障	藍燈恆亮	紅燈恆亮	藍燈恆亮	4 短音
溫度過高	藍燈恆亮	紅燈恆亮	藍燈恆亮	4 短音
資料重建	藍燈恆亮	------	來源：藍燈閃爍 目標：藍燈與紫燈交替	------

硬體安裝

請參照下列步驟，完成 DR5-SB3 的硬體安裝：

1. 拆開外包裝，並取出產品主體。
2. 如果你是要將DR5系統安裝於機架上，請將配件中的把手鎖定於DR5系統面板兩側，並使用配件包的螺絲來將DR5系統鎖定於機架內的軌道位置，並確定DR5系統呈現平穩狀態。
3. 如果你選擇擺放系統於桌面，請將配件中的腳墊鎖定於系統下方，並將系統擺放於穩固平台，並確認散熱風扇口沒有被其他物體擋住，系統四周有適當的散熱空間。(擺放環境請避免接近潮濕或其他易對產品造成損傷的環境)
4. 請使用零件包內附的鑰匙解鎖硬碟托盤鎖，按下硬碟卡榫按鍵，即可抽出硬碟抽取盒。
5. 將硬碟安裝到抽取盒上，並以零件包內附的螺絲加以固定，以避免不必要的移動對硬碟造成傷害。

2

---

6. 硬碟安裝完成後，請將抽取盒平移放入主機內，並關上把手。
7. 將 AC Power 電源線與 DR8-TB 連接，再將 AC Power 電源線與電源插座後，執行開機。
8. 將附件中的連接線分別接到 Mac/PC 與 DR5-SB3 的相關連接埠。
9. 將附件中的連接線分別接到 PC 與 DR5-SB3 的相關連接埠。
10. 開機後，您的作業系統將會自動辨識到 RAID 容量；待辨識成功後，請依據您所需的儲存格式，將系統內的硬碟依照作業系統的指示完成格式化。待硬碟格式化完成後，便可直接使用DR5系統。

故障硬碟更換步驟及資料重建功能說明

步驟1　取出故障硬碟所存放的抽取盒，再將硬碟從抽取盒上拆解下來。

步驟2　將新的硬碟安裝至抽取盒後，再將新硬碟的抽取盒插回 DR5-SB3 空的硬碟槽位置並將抽取盒門門鎖上，確認硬碟已完全插入。將新的硬碟安裝至抽取盒後，再將新硬碟的抽取盒插回 DR5-SB3 空的硬碟槽位　置並將抽取盒門門鎖上，確認硬碟已完全插入。

步驟3　RAID 5 / RAID 3 / RAID 10 / Clone 模式下，將電源打開時，您將會看到所更換的新硬碟抽取盒旁的指示燈號呈現閃爍紅藍燈的狀態表示更換上的硬碟資料正在進行重建；此時，您仍可正常使用 DR5-SB3 工作；待資料重建指示燈號停止，即代表資料重建完成。

　　　RAID 0 / Large 模式下，因單顆硬碟故障所造成所有資料損毀，更換新硬碟後，請重新將系統內的硬碟格式化。

風扇故障狀況排除

DR5-SB3內建風扇故障警示功能，若DR5-SB3風扇發生故障時，內建的蜂鳴器會發出警告聲響，前面板的紅色警示燈也會亮起；此時你可選按系統前面的靜音按鈕，先將警示聲關閉，並在允許的狀況下關閉DR5-SB3電源讓機器降溫；同時，請先確認機體擺放環境是否通風良好，沒有任何物體擋住風扇孔，一併檢查DR5-SB3的風扇是否停止運轉；待上述檢查確認後，再將電源開啟繼續使用本系統。若問題還是無法獲得解決，請與此產品供應商或STARDOM連絡，以便取得進一步的支援。
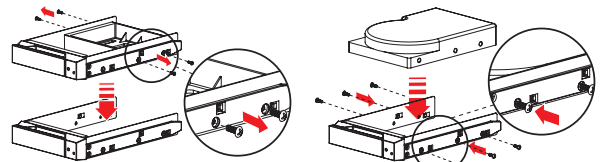
本產品是採用低噪音的電源供應器，當通電時的負載未達50%，電源供應器的風扇會暫停轉動。

3

產品使用注意事項

1. 本系統同一時間只可透過一組介面與一台電腦執行資料傳輸。
2. RAID 5 的容量量形成是將硬碟中最小容量乘上四倍量，RAID 0 / Large 則是乘上五倍，RAID 10 則是乘上二倍之後會被視為一個大大儲存容量；因此，用本系統前建議每顆硬碟裝置槽都已完成硬碟安裝，並建議全部使用相同品牌與同規格之全新硬碟。同時，如果需要更換新的硬碟時，也請您務必購買規格、容量、廠牌相同的硬碟，若若您無法購買到符合上述條件的硬碟時，請選購容量大於另一硬碟最少 20 GB。
3. 硬碟格式化後，由電腦主機作業系統所辨識DR5-SB3的實際總容量會與硬碟廠所標示的容量加總後，將有所差異。
4. 當系統運作時，請勿任意移除任何一顆硬碟，以免導致資料遺失。
5. 完成系統初始化安裝後，在使用上請勿任意變更硬碟位置；此動作將可能導致系統無法形成RAID。
6. 當您需要關閉或移除DR5-SB3時，務必透過您所操作的作業系統中執行硬碟安全移除後，方進行電源關閉的動作。
7. 在新增或變更 RAID 模式後需重新啟動產品，以確保完成更新為新的 RAID 模式。
8. 在 RAID 5 / RAID 3 / RAID 10 模式下儲存系統僅容許單顆硬碟故障。因此，當您發現二顆以上的硬碟顯示故障時，您先前已存儲的資料可能已毀損或遺失；在 RAID 0 / LARGE 模式下，當您發現一顆以上的硬碟顯示故障時，您先前已存儲的資料可能已毀損或遺失。
9. 強烈建議除了使用DR5-SB3 系列的資料儲存功能外，請針對重要資料備份到另一個儲存裝置上或遠端備份，雙重備援您重要的資料。若您儲存在DR5-SB3系列的資料損毀或遺失，STARDOM 將不負任何的責任。
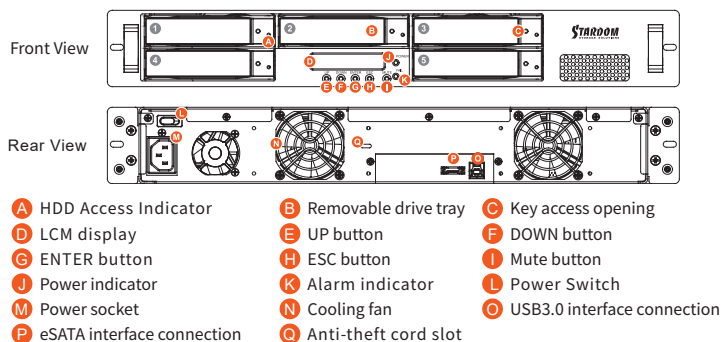
感謝您使用 **銳銨科技股份有限公司** 的產品。

本手冊裡的資訊在出版前雖然已經被詳細確認，但實際產品規格將已出貨時為準；任何的產品規格或相關資訊更新，請您直接上 **www.STARDOM.com.tw** 網站查詢，或直接與您的業務聯絡窗口聯繫，本公司將不另行通知。

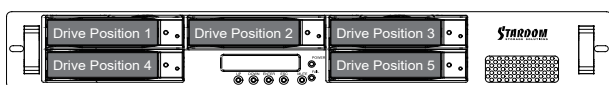如果您對 銳銨科技 的產品有任何疑問，或是想獲得最新產品訊息、使用手冊或韌體，請您聯絡 **services@stardom.com.tw**，我們將儘速回覆您。

4
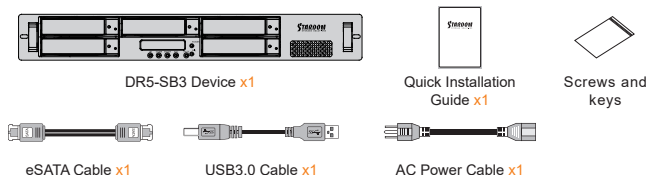
6. When the hard drive installation has been completed, insert the hard drive tray into the system horizontally and secure the latch into place.

7. Connect the AC power cable to the DR5-SB3, and then plug the AC power to the wall socket. Boot-up the unit.

8. Set the storage mode using the LCD and buttons on the front .

9. Connect the cable to the PC and the DR5-SB3 port.

10. After booting up, your operating system will automatically recognize the RAID storage setup. After RAID has been successfully recognized, please format your disks as instructed by your operating system to suit your own storage needs. After formatting is complete, you may begin to use your DR5 system.

Replacement of Malfunctioning Drive and Data Rebuild Instructions

When a front hard drive indicator has lit up red and the audio alarm sounds, this could mean the indicated hard drive may be malfunctioning. If this occurs, you may press the mute button at the rear of the system to shut off the audio alarm and power off the system immediately if in the allowed operational state, and then re-power on the system to double check and see if in fact the indicated hard drive has malfunctioned. If the problem persists, please turn off the system and follow the directions below :

Step1 Remove the drive tray containing the malfunctioned hard drive and disassemble the hard drive from drive tray.

Step2 Mount the new hard drive onto the tray and insert it back to the empty drive position of the DR5, then push the latch into place making sure it is secured and locked.

Step3 After swapping out for a new disk in RAID 5 / RAID 3 / RAID 10 / Clone and turning the power on, you will see blinking red and blue lights on the new disk reader box which indicate that the data on that disk is being rebuilt; At this time, you can use the DR5-SB3 as normal; when the red and blue indicators stop flashing, your data on the disk has been rebuilt. Under RAID 0 / Large the failure of one disk will cause data corruption, so after replacing a disk, please reformat the system disks.

System Temperature Overheat and Fan Failure Management

If the alarm indicator has lit up red and the audio alarm sounds, this could mean that either a system fan has stopped operating entirely or the system temperature has exceeded over the default temperature of 60°C. When this occurs, you may press the mute button at the rear of the system to shut off the audio alarm and power off the system immediately if in the allowed operational state to let the system cool. Check and see if the overall operation environment is well ventilated and make sure there are no blockages to the enclosed fan and then re-power on the system to continue use. If the problem persists, please turn off the system and contact your supplier or the STARDOM tech support for further assistance.

> This products uses a low-noise Switching Power Supply. Its built-in fan will temporary stop while the total power consumption is below 50% of the full load.

Important Notice

1. Only one interface connection may be used at once per computer system.

2. The data formation of RAID 5 / RAID 3 uses four disks with space equal to the smallest disk of the four; RAID 0 / Large is built of five disks; RAID 10 is built of two disks and used for its large storage space; therefore, before using this system, it is recommended that each disk be installed before use and that each disk be new and of the same brand and specification. Also, when you need to switch in a new disk, it is recommended that you buy a new disk that is of the same brand and specification, and same size as the old disk. If that is not possible, please choose a disk that is at least 20GB larger than the other disk.

3. The actual storage capacity of DR5-SB3 recognized by the system may differ from the total capacity stated on the hard drives once the drives have been formatted.

4. When connected to the computer system, it's prohibited to remove, insert or swap the hard drive while data transfer is being performed.

5. It's prohibited to change the positioning of the drives once the initial installation has been completed as the changes made to the drive positions may destroy the RAID formation.

6. Whenever turning off or unplugging the DR5-SB3 from your computer system becomes necessary, always remember to safely remove it from your operating system first.

7. The product needs to be restarted after adding or changing the RAID mode, and the update is guaranteed to be the new RAID mode.

8. RAID 5 / RAID 3 / RAID 10 / RAID 1 storage systems only allow one disk to malfunction at a time. Therefore, when you find that two or more disks have malfunctioned, your data on those disks may be damaged or lost; when you find that one or more disks have malfunctioned in RAID 0 / LARGE, your data on those disks may be damaged or lost. It is recommended that you find a disk recovery specialist in your area to attempt to recover your damaged or lost data.

9. It is highly recommended for users to back up important data contained within the DR5-SB3 unit on a regular basis or whenever the user feels necessary to a remote or a separate storage device. Stardom will not be responsible for any lost of data caused during the use of the unit or the recovery of the data lost.

Thank you for choosing product from **RAIDON Technology Inc.** This information in the manual has been thoroughly checked before publication, but may not conform to the product catually delivered which mean actual product specifications depend on the product shipped to you. Any update in the specifications or product-related information shall not be subject to further notice but for the latest information on the product, please visit the website as **www.STARDOM.com.tw** or contact us at **services@stardom.com.tw** , and we will get back to you as soon as possible.