



***iTANK***  
***ZT1-B31BP***  
*User Manual*

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## About this Manual

Thank you for choosing the STARDOM product. This manual will familiarize you with the STARDOM ZT1-B31BP product. We recommend reading through this manual before using the STARDOM ZT1-B31BP product. The information provided in this manual was checked before publication, but the actual product specifications may have changed before shipping; Latest product specifications and updates can be found at [www.STARDOM.com.tw](http://www.STARDOM.com.tw). No separate notifications will be provided by our company. If you would like to receive the latest STARDOM product information, manuals, and firmware, or have any questions regarding STARDOM products, please contact your local supplier or visit [www.STARDOM.com.tw](http://www.STARDOM.com.tw) for more information.

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## 1. Environmental Requirements

Operating temperature: 0 ~ 40 °C (32 ~ 104 °F )

Storage temperature : -20 ~ 47°C (-4 ~ 116 °F )

Operating voltage: 100 ~ 240V AC

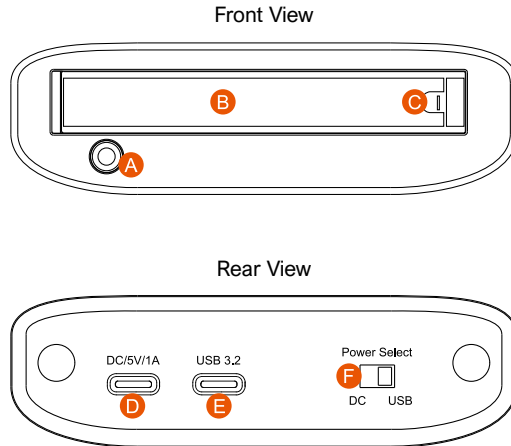
## 2. Product Appearance and Packaging Content

The following items should be inside the package upon opening:

ZT1-B31BP
ZT1-B31BP product x1 (containing HDD enclosure x1)
USB 3.2 cable x1
Quick setup guide x1
Ejector pins

- Please check the product and accessories for any defect or missing parts. If you have any questions, please contact your product supplier.
- Please visit the official website - Download page (<http://www.stardom.com.tw/STARDOM2016/download.php>) to download other related resources.

## Front and rear view



- |                           |  |
|---------------------------|--|
| A. HDD access light       | D. USB Type-C for Power Input (Power input only) |
| B. HDD tray handle        | E. USB 3.2 Gen2 Type-C port (10Gbps)             |
| C. HDD tray ejection hole | F. Power select switch                           |

### NOTE:

Please make sure that the product is connected to the host (power on status) before turning on the power, otherwise the product will be on the sleep mode.

## 3. Hardware Requirements and Precautions

1. The usable storage capacity of the hard disk after formatting will be less than the capacity indicated on the hard disk.
2. To prevent data loss, do not remove ZT1-B31BP while the system is running.
3. Please always connect the USB cable to the computer to ensure the energy saving function operating normally.
4. If the ZT1-B31BP needs to be shut down or disconnected, please ensure the HDD is safely removed through your operating system before turning off the power.
5. The USB Type-C for Power Input only functions as a power input and cannot be used for data transfer.
6. If you are using a USB 3.2 C to A cable, the Type-A on the host side must be USB 3.2 Gen2 for best access performance.
7. We strongly recommend backing up important data stored on the ZT1-B31BP to another storage device or a remote site. STARDOM will not be held liable for the damage or loss of data you stored on the ZT1-B31BP.

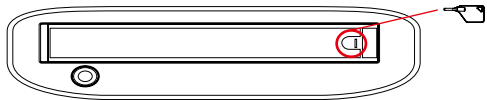
## 4. Description of HDD Indicators

Status	HDD SATA access light
No M.2	OFF
Data access	Blue light always on
M.2 idle	Blue light always on

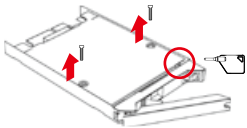
## 5. Hardware Installation

Please follow the instructions below to complete the hardware installation.

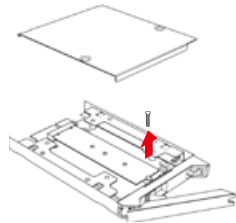
1. Place the system on a stable surface. Ensure that the vent is not blocked and that it is installed in a well-ventilated area. (Please keep the product away from moisture and other environment that might be harmful to the product)
2. Use the ejector pin included in the accessory kit to eject the HDD enclosure handle, and then pull tray handle to remove it.



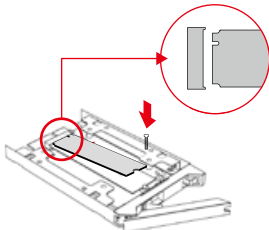
3. Remove the screws of the upper cover of the tray, and then use the ejector pin to pry open the upper cover and remove it.



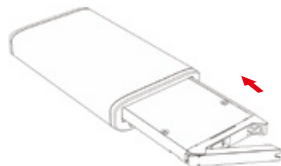
4. Remove the screws holding the M.2.



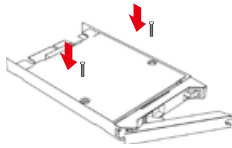
5. Insert M.2 and fix the screw.



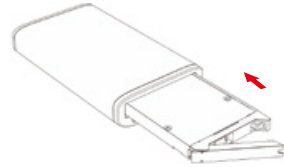
6. Remove the paper from the heat sink in the upper cover and put the upper cover back.



7. Fix the screws.

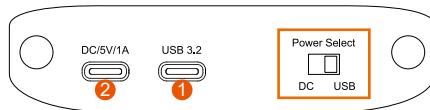


8. When the M.2 installation has been completed, insert the tray into the system horizontally and secure the latch into place.



9. When the HDD installation has been completed, insert the tray into the system horizontally and secure the latch into place.
10. Connect the relevant cables, please see the next section for details.
11. After completing hardware installation, turn on the power and follow the instruction of Disk Utility to format the HDD, you then could start using your new ZT1-B31BP.

## 6. Power Select Switch

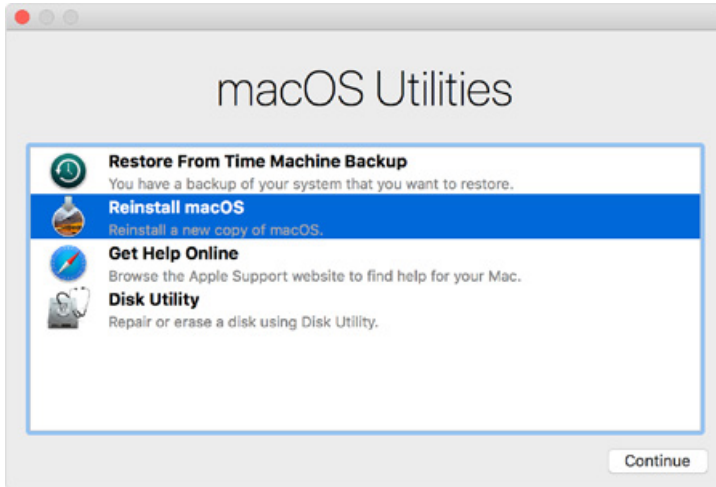


1. The factory default setting of the Power Select switch is USB position (it will be powered by host), connect one end of the USB cable in the accessory to the USB 3.2 Gen2 Type-C port of the ZT1-B31BP (as shown in position 1 above), and the other end to the USB port of the desktop or laptop.
2. If the Power Select switch is switched to DC position (it will enhance the power driving capability of ZT1-B31BP), you should connect one end of the USB cable in the accessory to the USB 3.2 Gen2 Type-C port of ZT1-B31BP (as shown in the position 1) and the other end to the USB port of the desktop or laptop. And you can use the 5V/1A charger of the cellphone (up to 5V/2A) or use the USB Type-C of the computer to connect to the USB Type-C for Power Input of the ZT1-B31BP (as shown in the position 2). At this situation, ZT1-B31BP will not work normally without external power supply.
3. Due to the different power consumption status of 2.5 HDD/SSD, the ZT1-B31BP may not work normally due to insufficient power supply to the host.  
If the power supply is insufficient, the following conditions will occur:
  - a. The computer cannot recognize the ZT1-B31BP
  - b. Data cannot be transmitted
  - c. ZT1-B31BP will be repeatedly disconnected and reconnected.
4. Please note that the ZT1-B31BP's USB Type-C charging port can only accept 5V/1A (maximum 5V/2A); STARDOM will not be held responsible for any accidents caused by using more power than the limit.

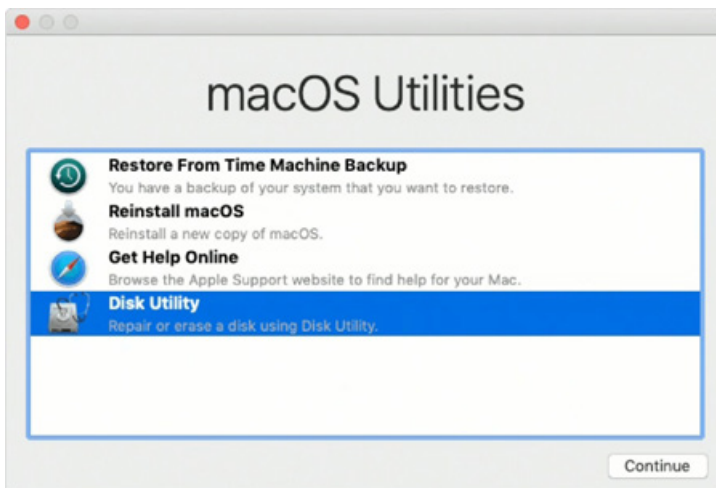
## 7. Install The Operation System Into This Device

### Install macOS (Use macOS Mojave 10.14 for example)

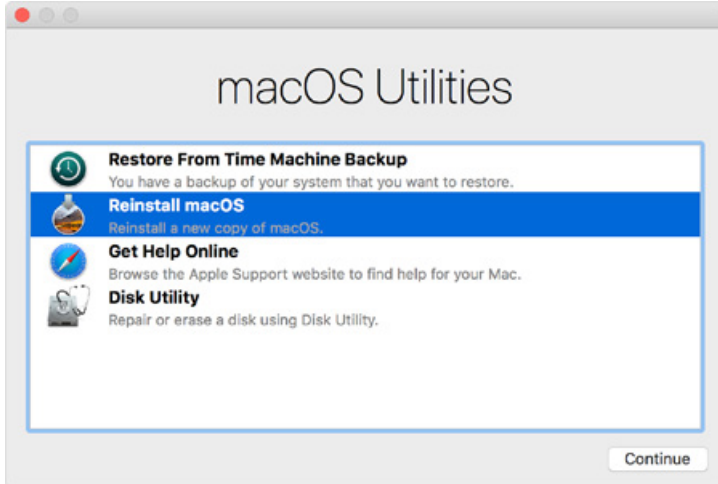
1. Need to have network online capabilities. If a wireless network is available, you can choose it from the Wi-Fi menu in the menu bar. This menu is also available in macOS Recovery.
2. Turn on your Mac and immediately press and hold Command (⌘)-R. Continue holding until you see the Apple logo or a spinning globe. Startup is complete when you see the utilities window:



3. If you need to erase your disk before installing macOS, select Disk Utility from the Utilities window, then click Continue. You probably don't need to erase, unless you're selling or giving away your Mac or have an issue that requires you to erase.



4. Install macOS. Choose Reinstall macOS from the Utilities window, and click continue.



5. Follow the onscreen instructions, select agree to the software license agreement, and then select the disk to start the installation.



6. Please allow installation to complete without putting your Mac to sleep or closing its lid. During installation, your Mac might restart and show a progress bar several times, and the screen might be empty for minutes at a time.

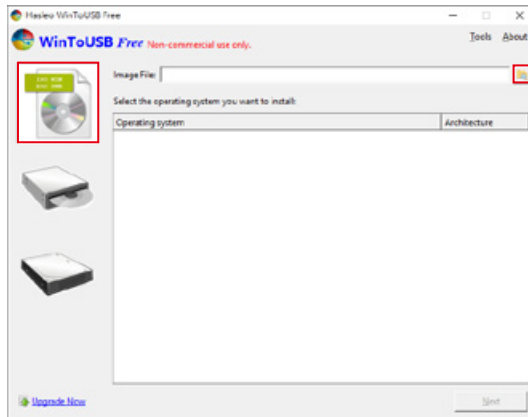


## Install Windows (Use Windows 10 Home Edition for example)

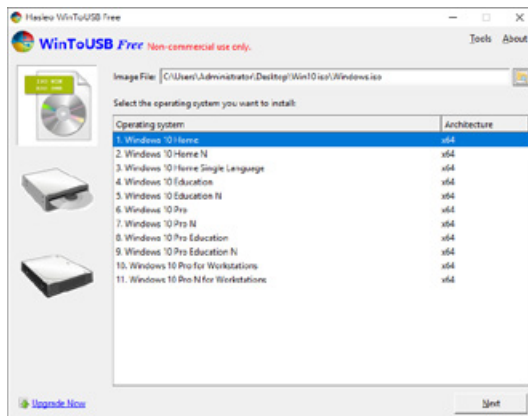
1. The following content is an example of using the software "WinToUSB Free Edition". For related specifications and copyrights, please refer to [the software official website](#) for details.
2. After the software is installed, press the shortcut icon of the desktop twice to open Hasleo WinToUSB.



3. On the left side of the interface, select "Mirror to USB" and click the right folder icon to select the ISO file for Windows 10.

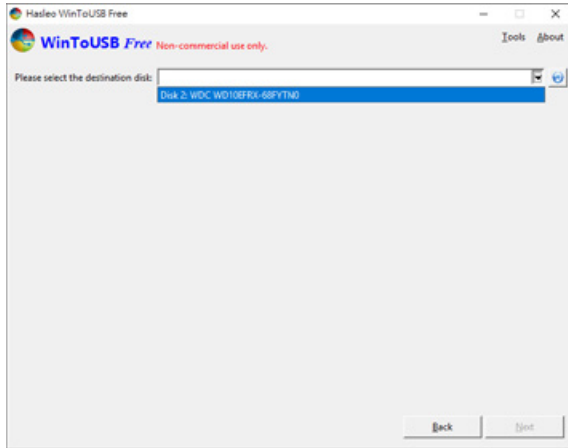


4. Select the version of Windows you want to install and go to the next step.



Note: WinToUSB Free Edition does not support Windows Professional and Enterprise editions.

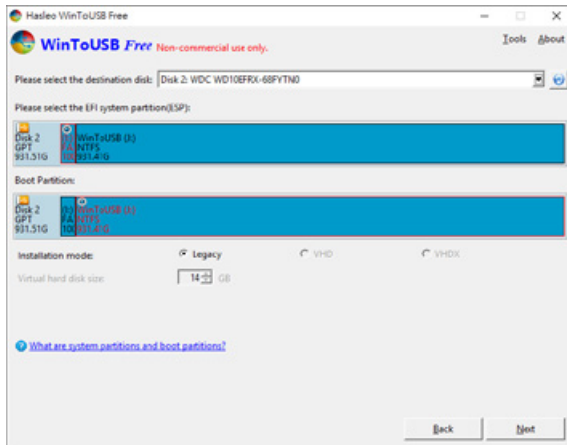
5. Select the USB external drive to install.



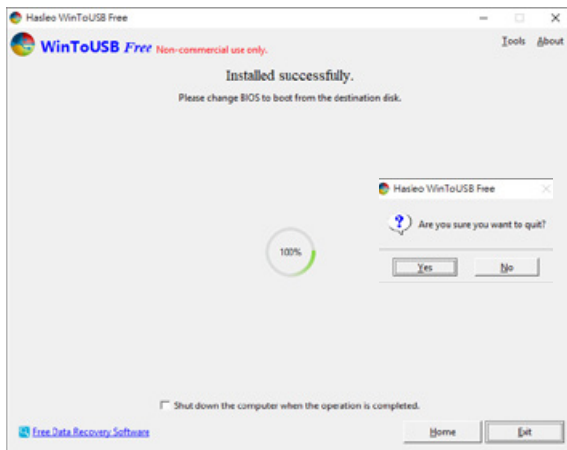
6. Select the version of the disk partition configuration according to your personal hardware specifications, then execute "Yes" to proceed to the next step.



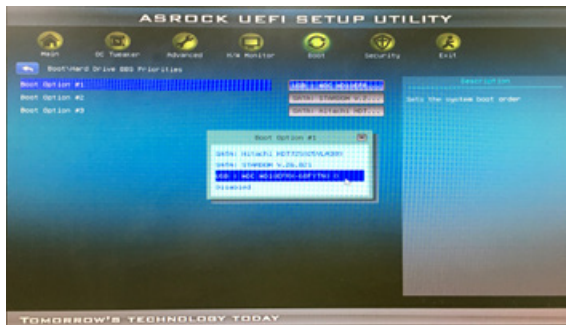
7. Follow the default and follow the next step.



- Windows 10 is installed to an external hard drive. After the installation is complete, click the "End" button, and then confirm to leave.



- Confirm that the external hard disk is inserted in the USB slot of the computer. After rebooting, enter the BIOS or UEFI adjusts to the USB external hard disk box as the first boot sequence, and saves the settings and leaves.



Note: The screenshot is for illustration only, and the actual situation varies depending on each motherboard.

- Then start the installation process for Windows 10, and follow the system instructions and personal requirements to complete the setup.

## 關於這份手冊

感謝您使用 STARDOM 的產品。本手冊將介紹 STARDOM ZT1-B31BP 產品。在您開始使用 STARDOM ZT1-B31BP 產品前，建議您先閱讀過本手冊。手冊裡的資訊在出版前雖已被詳細確認，實際產品規格仍將以出貨時為準；任何產品規格或相關資訊更新請您直接到 [www.stardom.com.tw](http://www.stardom.com.tw) 網站查詢，本公司將不另行通知。若您想獲得 STARDOM 最新產品訊息、使用手冊、韌體，或對 STARDOM 產品有任何疑問，請您聯絡當地供應商或到 [www.stardom.com.tw](http://www.stardom.com.tw) 取得相關訊息。

本手冊相關產品內容歸銳銳科技股份有限公司版權所有

## 1. 環境需求

工作溫度：0 ~ 40 °C (32 ~ 104 °F)

儲存溫度：-20 ~ 47°C (-4 ~ 116 °F)

工作電壓：100 ~ 240V AC

## 2. 產品外觀及包裝內容

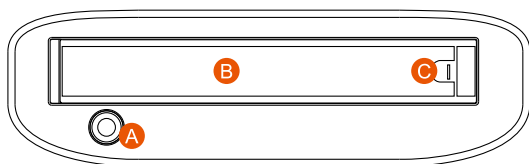
打開包裝外盒後，包裝內容應包含下列組件：

ZT1-B31BP
ZT1-B31BP 產品本體 x1( 內含抽取盒 x1)
USB 3.2 連接線 x1
快速安裝導引 x1
頂針鑰匙

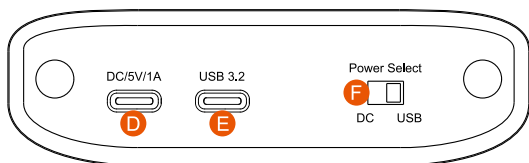
- 請先確認相關配件與產品本身是否有受損或是缺少配件，若有任何疑問，請與您的經銷商或業務人員聯絡。
- 請前往官網 - 產品資料下載頁面 (<http://www.stardom.com.tw/STARDOM2016/download.php>) 下載其餘相關資源。

## 正面與背面示意圖

前視圖



背視圖



- |            |                                   |
|------------|-----------------------------------|
| A. 硬碟讀取燈   | D. USB Type-C 充電埠 ( 只具有電源輸入功能 )   |
| B. 硬碟抽取盒把手 | E. USB 3.2 Gen2 Type-C 埠 (10Gbps) |
| C. 硬碟卡榫按鍵  | F. Power Select 開關                |

注意：開啟產品電源前，請確認產品與主機端（開機狀態）已連接，否則產品將進入休眠狀態。

### 3. 硬體需求與注意事項

1. 硬碟格式化後的可使用儲存容量會小於硬碟標示的容量。
2. 當系統運作時，請勿任意移除，以免導致資料遺失。
3. 為了確保節能功能的正常運作，請將 USB 連接線常態性與電腦端保持連接。
4. 當您需要關閉或移除 ZT1-B31BP 時，務必透過您所操作的作業系統中執行硬碟安全移除後，方進行移除 USB 3.2 連接線或電源線的動作。
5. USB Type-C 電源輸入埠只具有電源輸入的功能，無法進行資料傳輸。
6. 若您使用的是 USB 3.2 C 到 A 連接線，主機端的 Type-A 需為 USB 3.2 Gen2 規格方可達到最佳存取效能。
7. 強烈建議除了使用 ZT1-B31BP 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，雙重備份您重要的資料。若您儲存在 ZT1-B31BP 的資料損毀或遺失，STARDOM 將不負任何的責任。

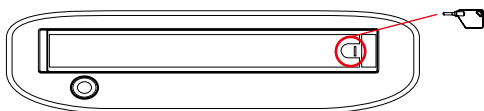
## 4. 燈號說明

狀態	M.2 SATA 讀取燈
無 M.2	OFF
資料存取	藍燈閃爍
M.2 閒置	藍燈恆亮

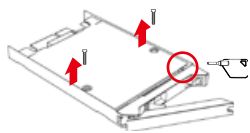
## 5. 硬體安裝

請參照下列步驟，完成 ZT1-B31BP 的硬體安裝：

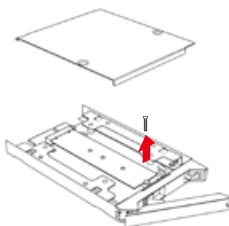
- 將系統擺放於穩固平台，並確認散熱風扇口沒有被其他物體擋住，系統四周有適當的散熱空間。  
(擺放環境請避免接近潮濕或其他易對產品造成損傷的環境)
- 使用配件內附的頂針插入硬碟抽取盒頂針孔後，抽取盒門門將會輕彈開啟，便可取出抽取盒。



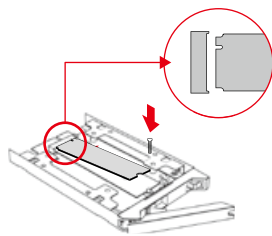
- 取出抽取盒上蓋的螺絲，再用頂針撬開上蓋並移除。



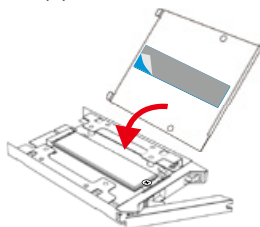
- 取出固定 M.2 位置的螺絲。



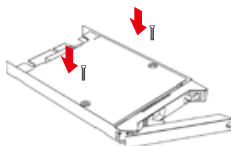
- 插入 M.2 並鎖上螺絲。



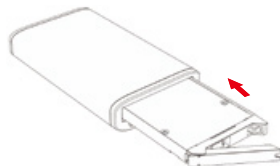
- 撕下上蓋裡散熱片的離型紙，蓋回上蓋。



- 鎖上螺絲。

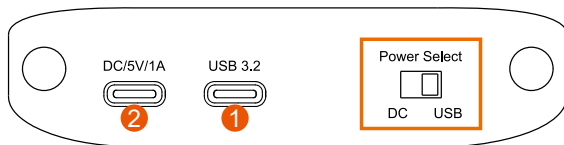


- M.2 安裝完成後，請將抽取盒平移放入主機內，並關上把手。



- 硬碟安裝完成後，請將抽取盒平移放入主機內，並關上把手。
- 將相關連接線接上，細節請看下一個章節。
- 硬體安裝完成。開啟電源後請透過作業系統進行後續格式化設定。請依照電腦作業系統指示進行硬碟格式化，完成硬碟格式化後，便可以進行資料的讀寫。

## 6. 供電選擇開關



1. Power Select 開關出廠預設值為 USB 位置 (此狀態為由桌機或筆電供電)，此時將配件中之 USB 連接線一端接在 ZT1-B31BP 的 USB 3.2 Gen2 Type-C 埠 (如上圖標示 1 的位置)，另一端接在桌機或筆電的 USB 埠。
2. Power Select 開關如切換至 DC 位置，(此狀態為加強 ZT1-B31BP 的電源驅動能力)，此時需將配件中之 USB 連接線一端接在 ZT1-B31BP 的 USB 3.2 Gen2 Type-C 埠 (如上圖標示 1 的位置)，另一端接在桌機或筆電的 USB 埠，另外可使用手機的充電器 5V/1A (最大可使用至 5V/2A) 或使用電腦的 USB Type-C 連接 ZT1-B31BP 的 USB Type-C 充電埠 (如上圖標示 2 的位置)；如不外接供電，ZT1-B31BP 會無法正常啟動，需將 Power Select 開關切換至 USB 位置，才可正常使用。
3. 因各廠牌的 2.5" HDD/SSD 耗電狀態不同，可能會產生桌機或筆電供電不足，以致有無法正常啟動 ZT1-B31BP 的狀況；當此狀況發生時，請依第二點說明操作，加強電源供電。電源供電不足，會發生以下狀態：
  - a. 電腦辨識不到 ZT1-B31BP
  - b. 資料無法傳輸
  - c. 資料傳輸時，重覆發生斷線再重新連接的情形
4. 請注意 ZT1-B31BP 的 USB Type-C 充電埠只能接受 5V/1A (最高不可超過 5V/2A)；若使用超過限制之電力供電導致意外發生，STARDOM 將不負任何的責任。

## 7. 外接磁碟安裝作業系統

### 安裝 macOS (以 10.14 Mojave 為例)

1. 需具備網路連線能力。若有無線網路可用，可以從選單列的 Wi-Fi 選單中選擇該網路。「macOS 復原」也提供這份選單使用。
2. 開啟 Mac 並立即按住 **Command(⌘)-R**，持續按住這些按鍵，直到出現 Apple 標誌或旋轉的地球。看到工具程式視窗，即表示完成啟動：



3. 若必須在安裝 macOS 之前清除磁碟，請從「工具程式」視窗選擇「磁碟工具程式」，然後按一下「繼續」。您可能不需要清除磁碟，除非要將 Mac 賣或送給別人，或是有問題需要清除磁碟。





4. 安裝 macOS，在「工具程式」視窗中，選擇「重新安裝 macOS」，按一下「繼續」。



5. 按照螢幕上的指示，選擇同意軟體許可協議，然後選擇磁碟，開始安裝。



6. 請不要讓 Mac 進入睡眠或關上上蓋，以利安裝程序順利完成。安裝期間，Mac 可能會重新啟動並顯示進度列好幾次，而螢幕畫面也可能會一次空白幾分鐘時間。

## 安裝 Windows (以 Windows 10 家庭版為例)

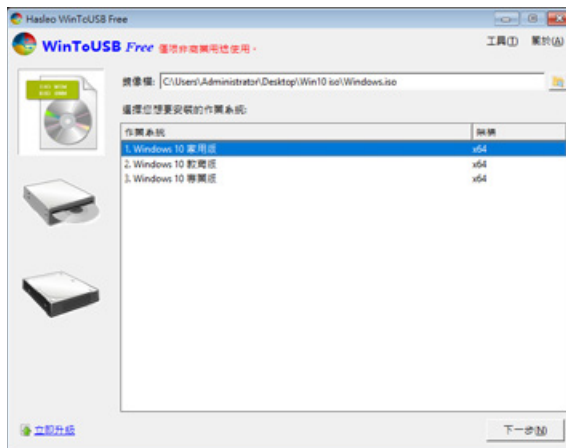
1. 以下內容為使用工具軟體「WinToUSB 免費版」作為範例，相關規範與版權請到[軟體官網](#)詳閱說明。
2. 軟體安裝後，連續按兩下桌面的捷徑圖示，開啟 Hasleo WinToUSB。



3. 在界面左方選擇「鏡像到 USB」，再點選右方資料夾圖示來選擇 Windows 10 的 ISO 檔。

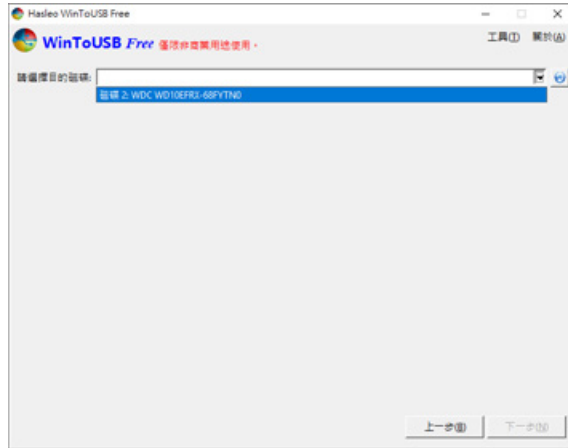


4. 選擇要安裝的 Windows 版本，執行下一步。



註：WinToUSB 免費版不支援 Windows 專業版與企業版。

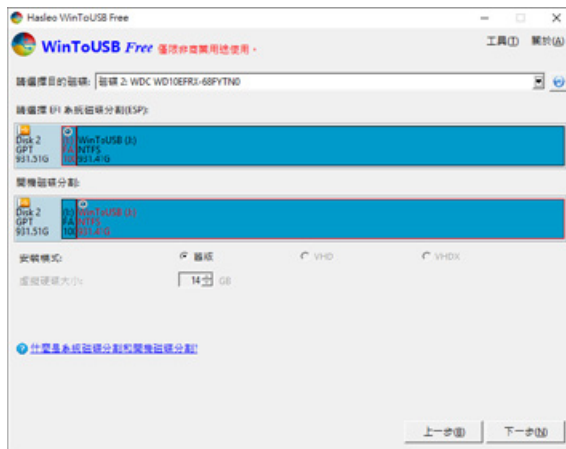
5. 選擇要安裝的 USB 外接硬碟。



6. 依照個人硬體規格選擇磁碟分割配置的版本，之後執行「是」進行下一個的步驟。



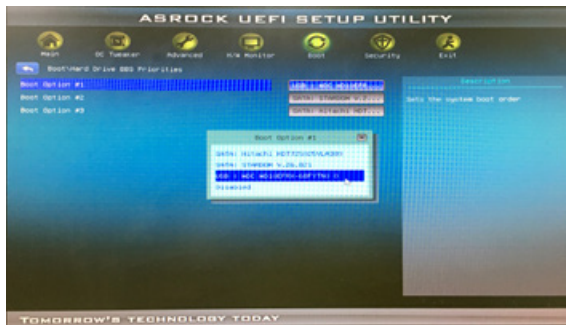
7. 依照預設值，執行下一步。



8. Windows 10 安裝到外接硬碟，待安裝完成後點選「結束」按鈕，之後再確認離開。



9. 確認外接硬碟插在電腦的 USB 插槽，重新開機後，進入 BIOS 或是 UEFI 調整成 USB 外接硬碟盒為第一開機順序，儲存設定後離開。



註：截圖僅為示意，實際情況依各家主機板而有所不同。

10. 接著開始進入 Windows 10 的安裝過程，請依系統指示以及個人需求完成設定。



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