

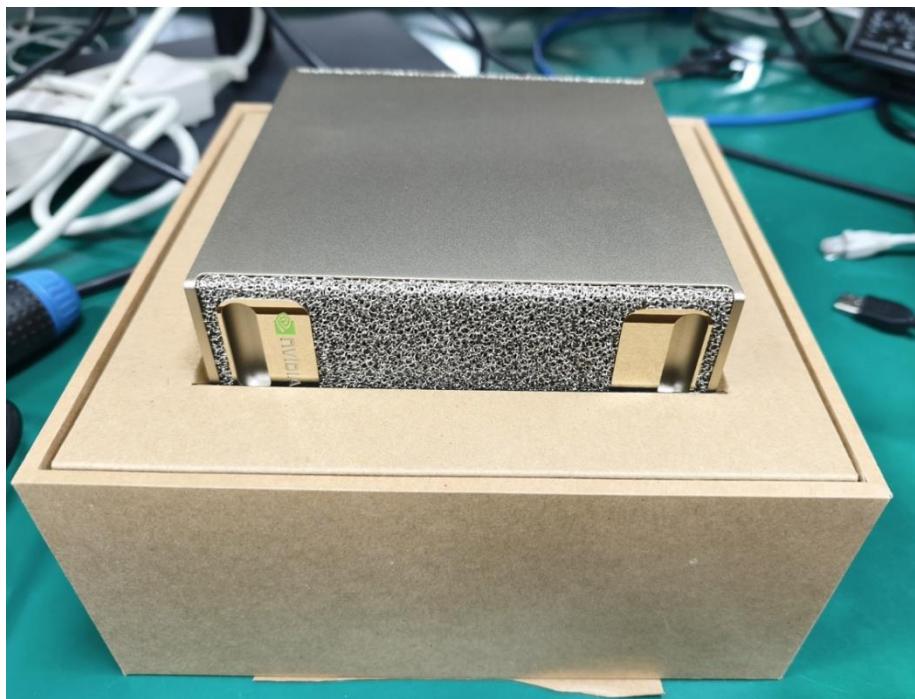


NVIDIA DGX Spark

系統設定手冊

1. DGX Spark Founder Edition 開箱與內容物說明

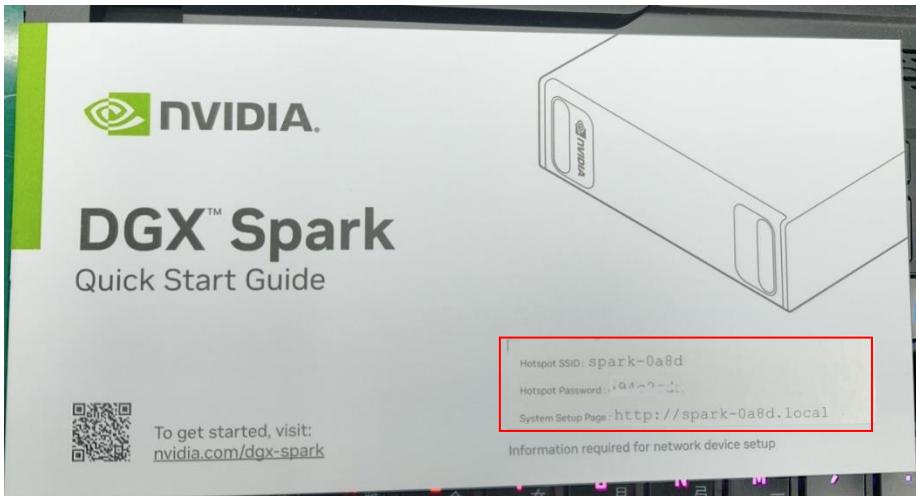
1.1 第一層可以看到 DGX Spark 本體



1.2 第二層則是說明書與電源轉接器



1.3 說明書 (Quick Start Guide)上有該 DGX Spark 的 SSID 及登入密碼 (請妥善保管此說明書)



1.4 將機器底部塑料板移除，這步驟因底板以磁力方式固定，不需任何工具操作. DGX Spark 機器序號則可在機器背面取得.



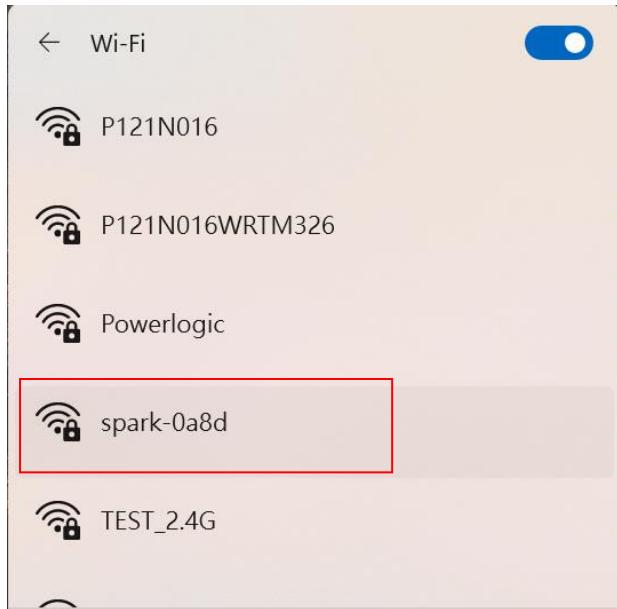
1.5 序號位置



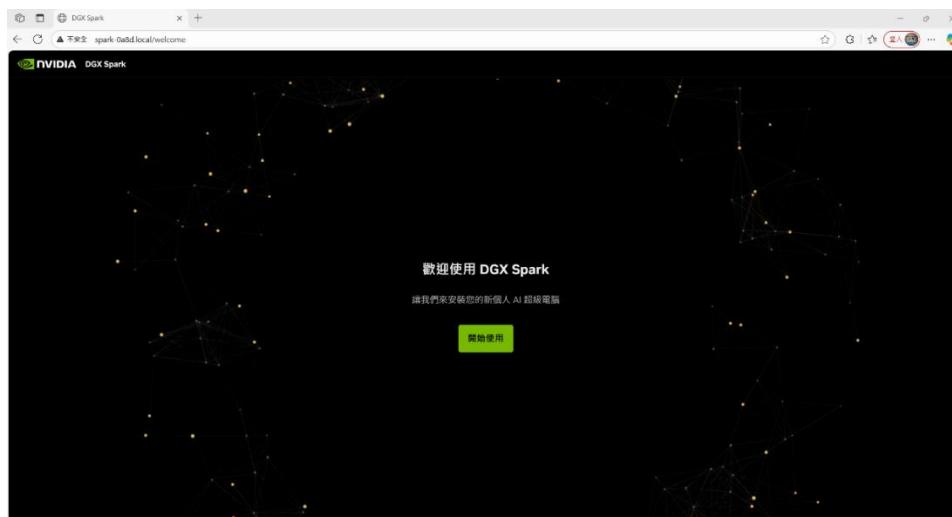
2. DGX Spark Edition Founder 第一次開機設定

以下是以無線連接 DGX Spark 來做設定：

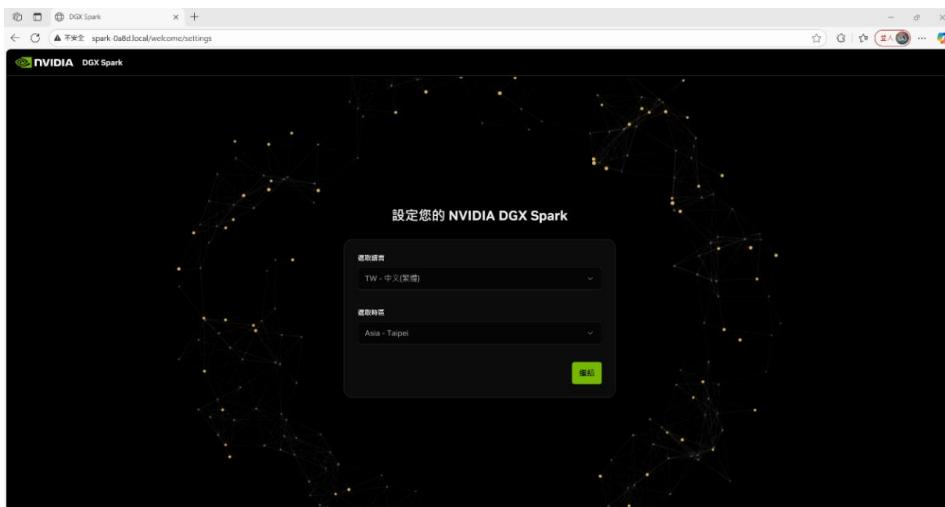
2.1 DGX Spark 開機後 WiFi 列表裡面可看到該 SPARK SSID (spark-xxxx), 密碼則在說明書首頁



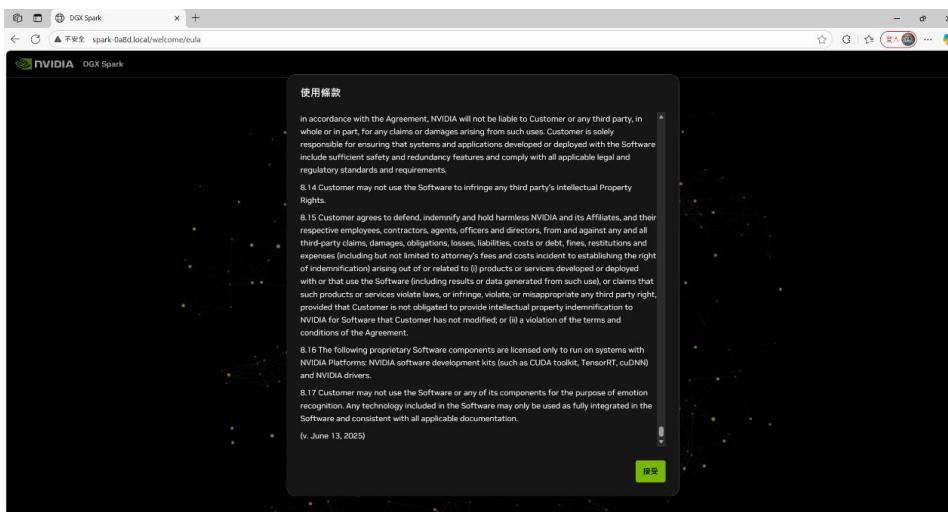
2.2 連線該 DGX Spark 後，開啟 Browser 輸入 spark-xxxx.local 就會出現下面設定畫面，此畫面跟 SPARK 本機連線螢幕畫面一樣



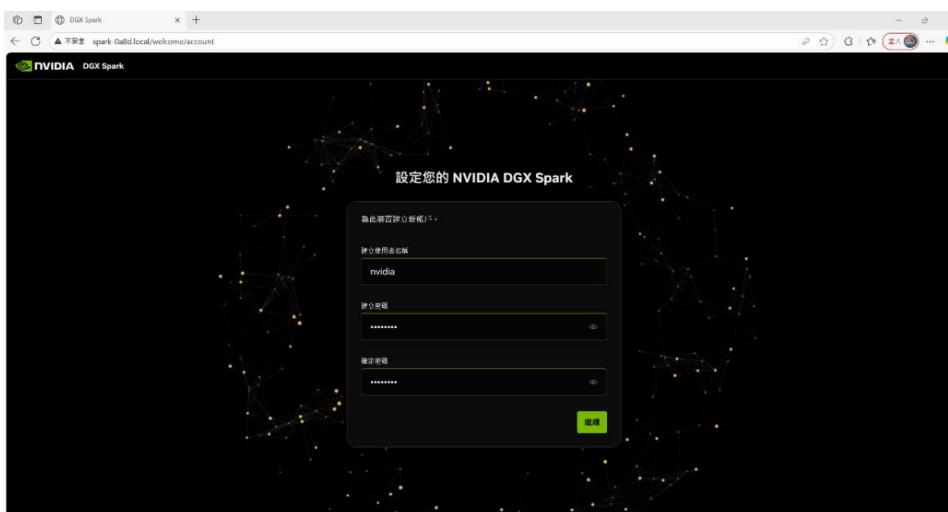
2.3 從此開始設定 DGX Spark, 選擇系統語言



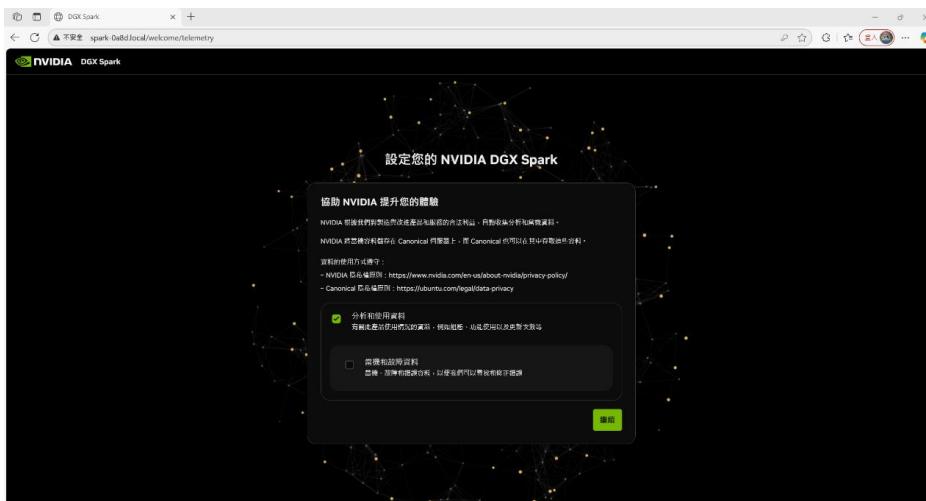
2.4 軟體宣告頁



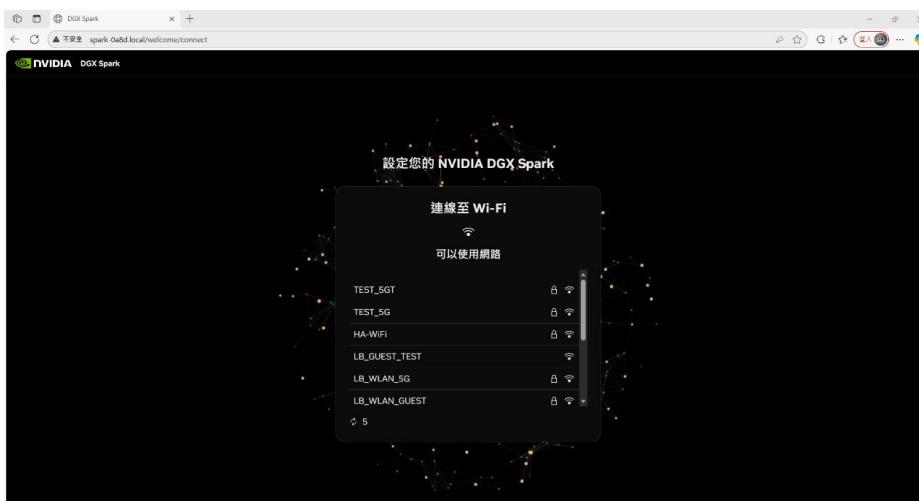
2.5 設定登入帳號與密碼



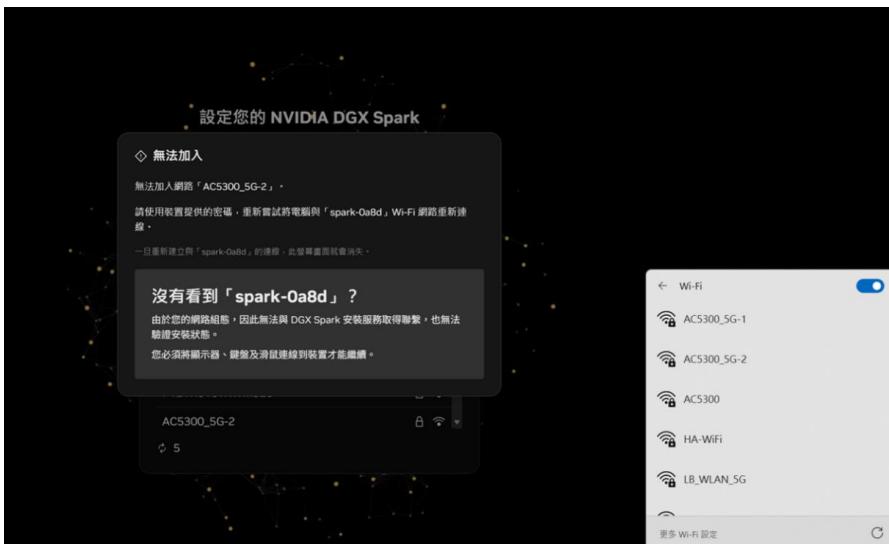
2.6 詢問是否可提供資料分析



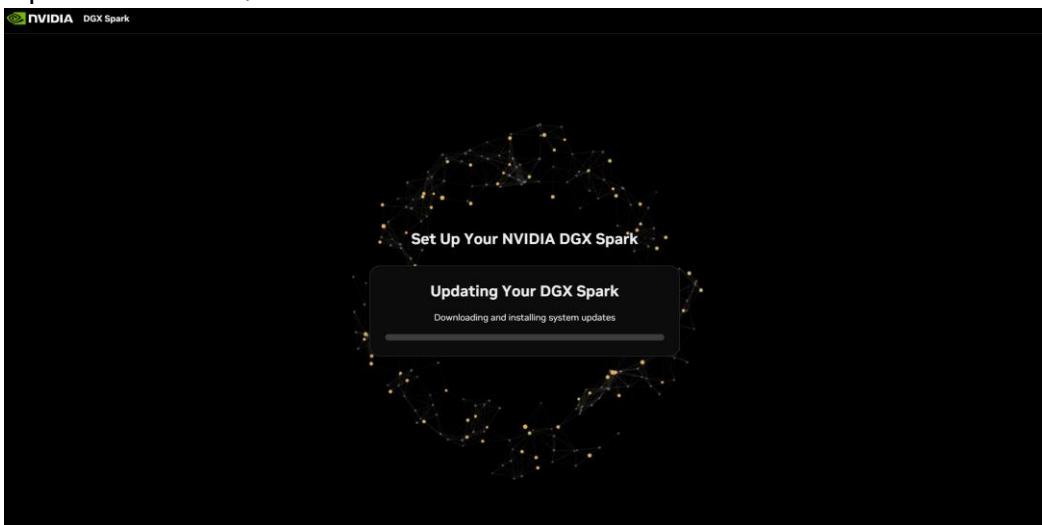
2.7 連線無線網路



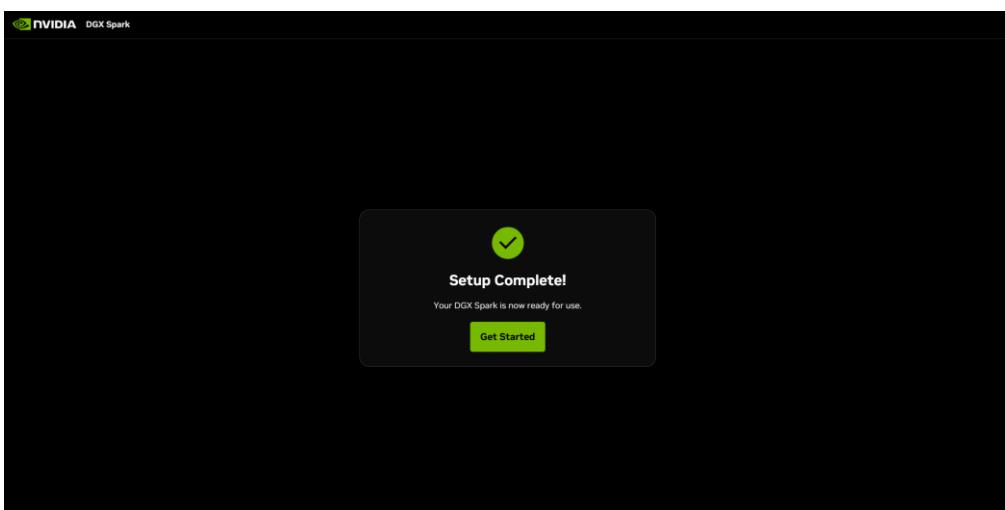
2.8 將 DGX Spark 連線到其他無線網路後，會跳出無法連線到該網路。另外該 DGX Spark 的 SSID 也會消失，會呈現完全連不到 Spark 的現象。



2.9 此時請連線到與 DGX Spark 相同的無線網路，並開啟 Browser 再一次連線 spark-xxxx.local, 就可以看到它已在進行系統更新。



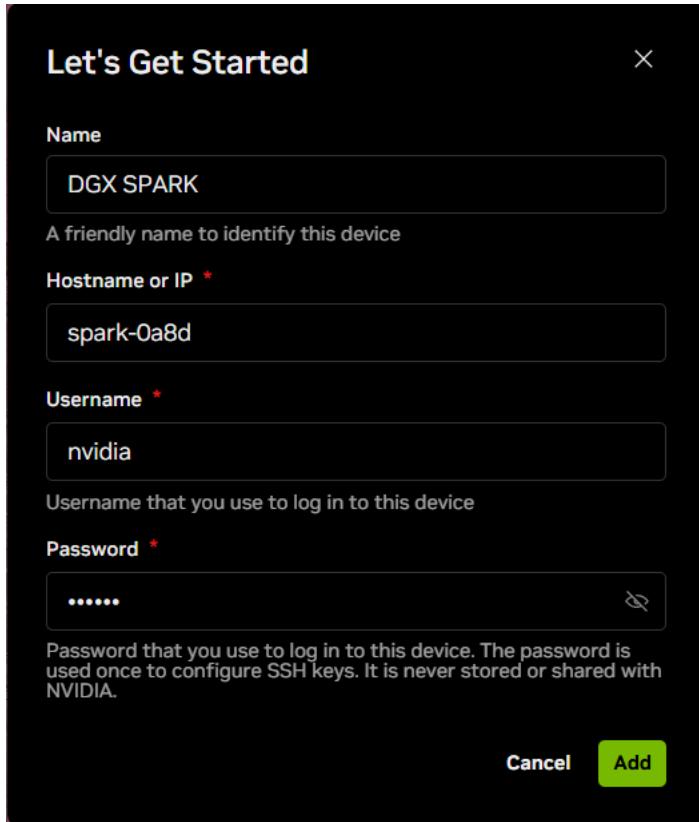
2.10 更新完成後，若要連線到該 DGX Spark，則需要使用 NVIDIA Sync 做連線。



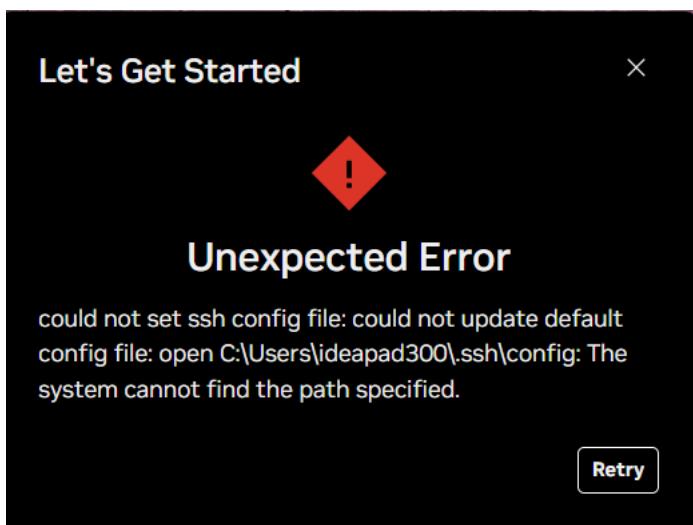
3. 安裝 NVIDIA Sync

3.1 請至 [Set Up Local Network Access | DGX Spark](#) 下載並安裝

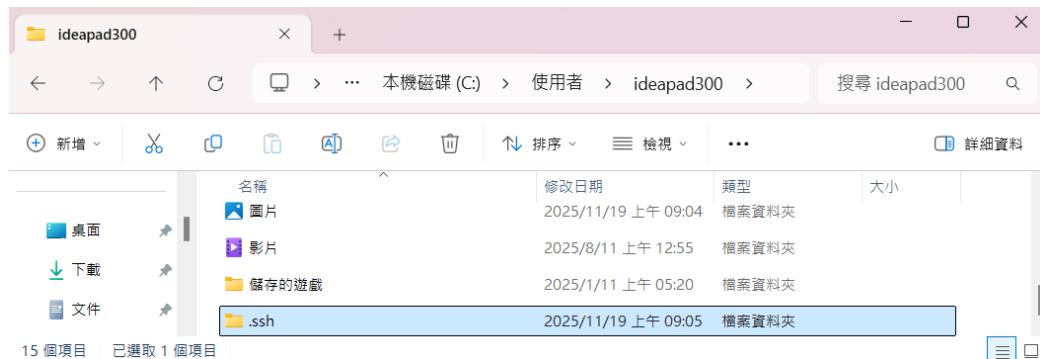
3.2 執行 NVIDIA Sync, 會出現一新增連線視窗, 請輸入 DGX Spark Hostname 與登入帳密



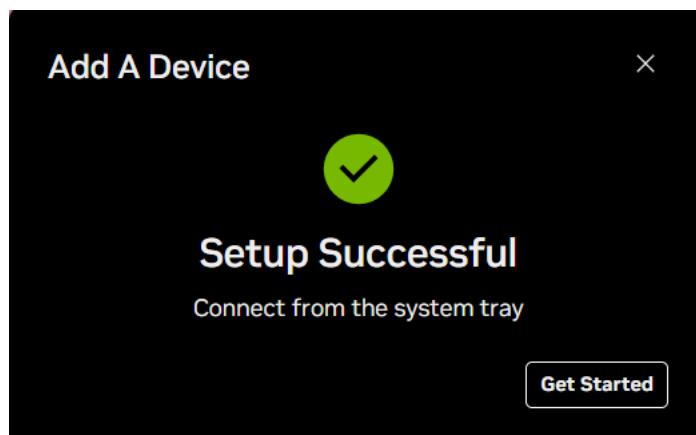
3.3 若是第一次連線, 則會跳出下面錯誤訊息, 表示找不到該 config 檔



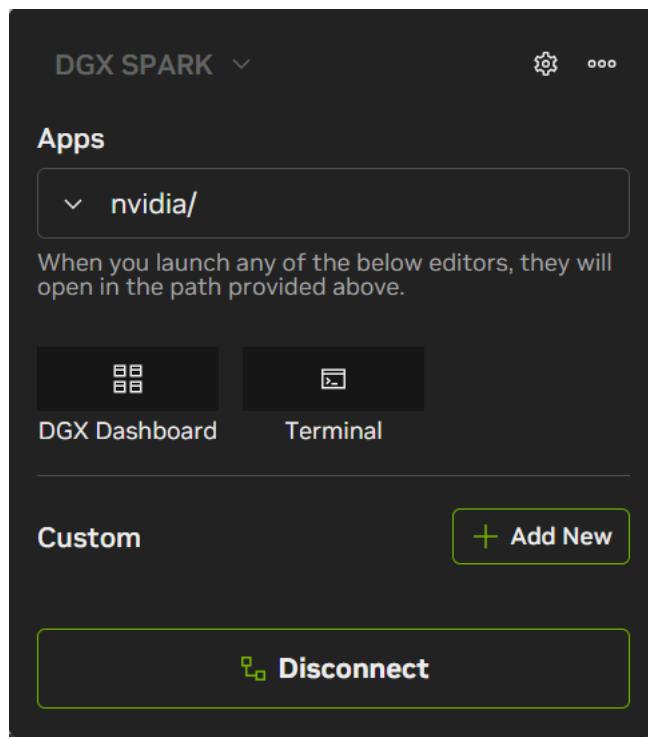
3.4 此時請在 user 資料夾裡新增一個.ssh 資料夾，並重新連線



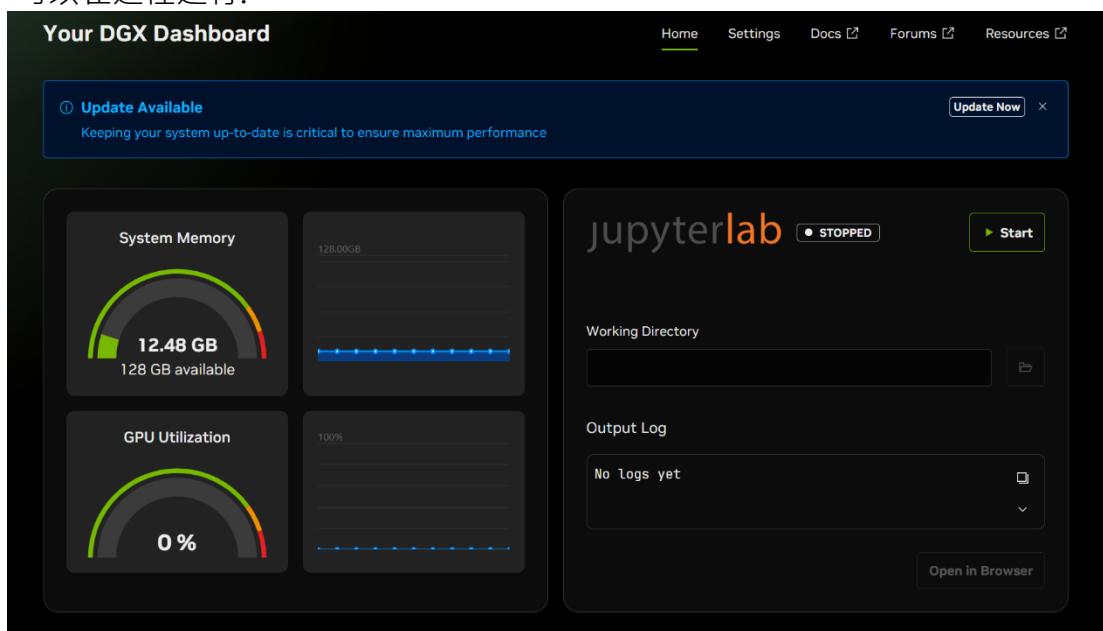
3.5 再次連線就可以連線成功



3.6 這時在桌面右下就會看到 NVIDIA Sync 正在執行安裝



3.7 點選 Dashboard 就可以看到該 DGX Spark 的記憶體與 GPU 使用率，若要做系統升級也可以在這裡進行。



3.8 點選 Terminal, 則會 SSH 連線到該 DGX Spark

```
nvidia@spark-0a8d:~$ nvidia-smi
Wed Nov 19 09:13:02 2025
+-----+
| NVIDIA-SMI 580.95.05      Driver Version: 580.95.05     CUDA Version: 13.0 |
+-----+
| GPU  Name     Persistence-M | Bus-Id     Disp.A  | Volatile Uncorr. ECC | | | | | |
| Fan  Temp   Perf Pwr:Usage/Cap | Memory-Usage | GPU-Util Compute M. |
| |          |          |          |          |          |          |          |
| 0  NVIDIA GB10        On  0000000F:01:00.0 Off |           N/A |          0% Default N/A |
|          |          |          |          |          |          |          |
+-----+
Processes:
+-----+
| GPU  GI CI PID  Type  Process name          GPU Memory Usage |
| ID   ID          |          |          |          |          |
| 0   N/A N/A 2415 G    /usr/lib/xorg/Xorg  43MiB |
| 0   N/A N/A 2781 G    /usr/bin/gnome-shell 16MiB |
+-----+
nvidia@spark-0a8d:~$ |
```

4. DGX Spark 系統回復 (System Recovery)

4.1 下載 [recovery file](#) 到本機磁碟，並解壓縮 (7zip)

4.2 插入隨身碟

4.3 用系統管理員身分開啟“命令提示字元”(cmd)

4.4 至該 recovery file 目錄下輸入 CreatedUSBKey.cmd

```
C:\Users\AROUS15\Downloads\dgx-spark-recovery-image-1.91.51-1\usbimg.customer 的目錄
[.]           [..]           artifact.json      checksum.txt      CreateUSBKey.cmd
CreateUSBKey.sh   CreateUSBKeyMacOS.sh    fastos-release.txt  [scripts]        [usb]
VerifyFiles.cmd

7 個檔案      1,110,159 位元組
4 個目錄       373,783,494,656 位元組可用

C:\Users\AROUS15\Downloads\dgx-spark-recovery-image-1.91.51-1\usbimg.customer>CreateUSBKey.cmd
```

4.5 選擇 USB 隨身碟

```
/=====
||  _ _ | - _ _ | / _ \ _ _ | _ _ | | | | |
||  | | | ( _ ) \ _ _ | _ _ | _ _ | _ _ |
||  | | | \ _ _ | _ _ | _ _ | _ _ | _ _ |
\=====

For DGX Spark

FastOS Image Version:
NAME="DGX SPARK FASTOS"
DATE="2025-10-10T03:26:29+00:00"
VERSION="1.91.51"
BUILD_TYPE="customer"

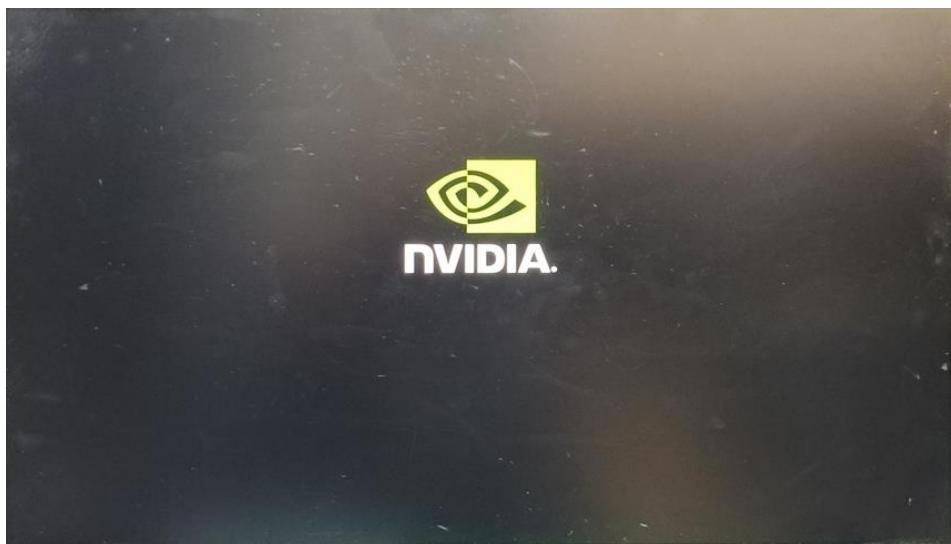
Select USB Drive
- Press Enter to pick the drive highlighted in green
- Use Up and Down arrows to navigate the list
> ADATA USB Flash Drive (D:) - 231.25GB
```

4.6 開始複製檔案到隨身碟

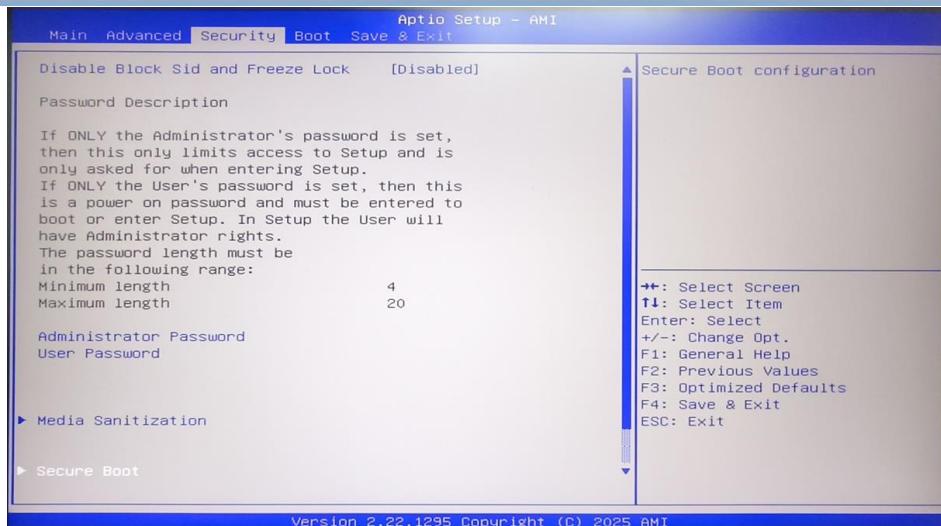
4.7 複製完成後，將隨身碟插入 DGX Spark

```
Copying files from C:\Users\AROUS15\Downloads\dgx-spark-recovery-image-1.91.51-1\usbimg.customer\usb to D:...
Ejecting drive...
USB Key Created successfully!
Press any key to continue...
```

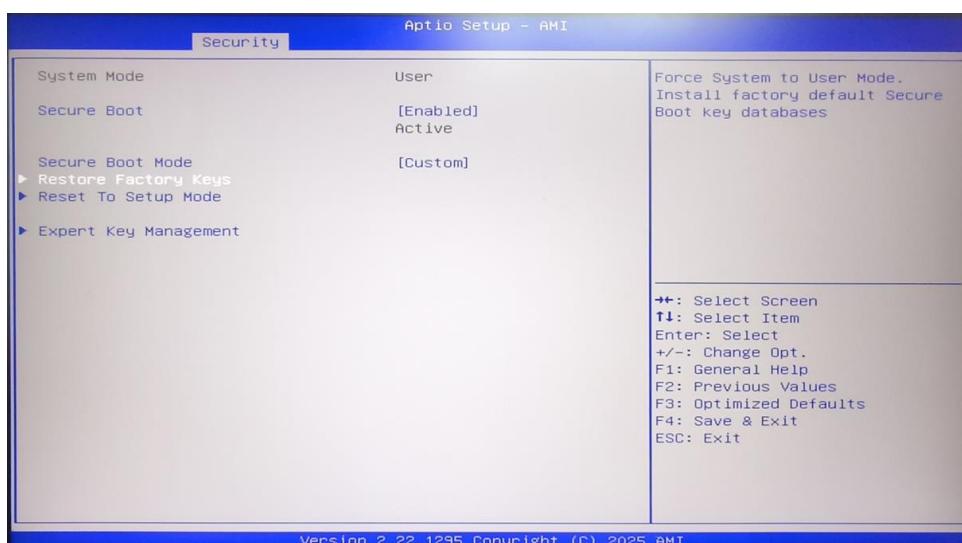
4.8 進入 DGX Spark BIOS，開機後看到有 NVIDIA LOGO 畫面，按 DEL 或 ESC 進入 BIOS.



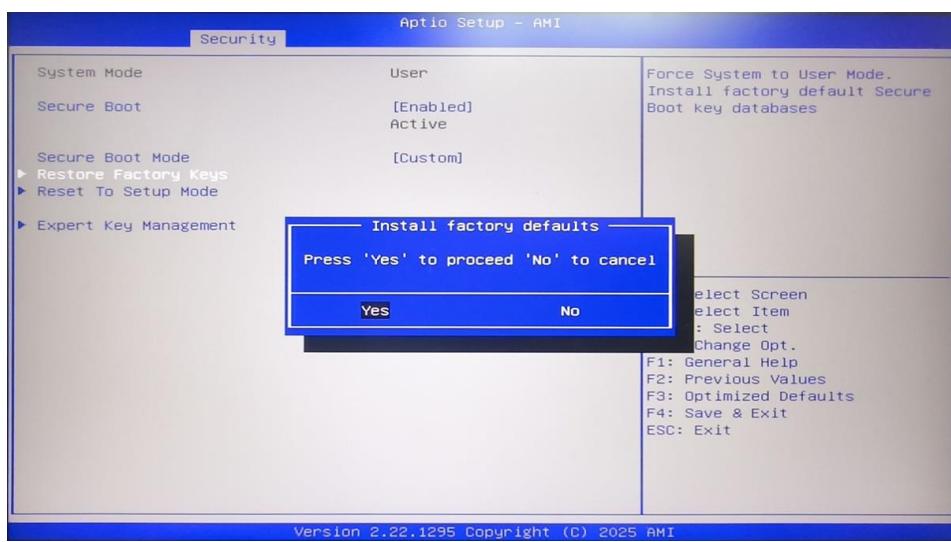
4.9 進入後到 Security 頁面，選取 Secure Boot.



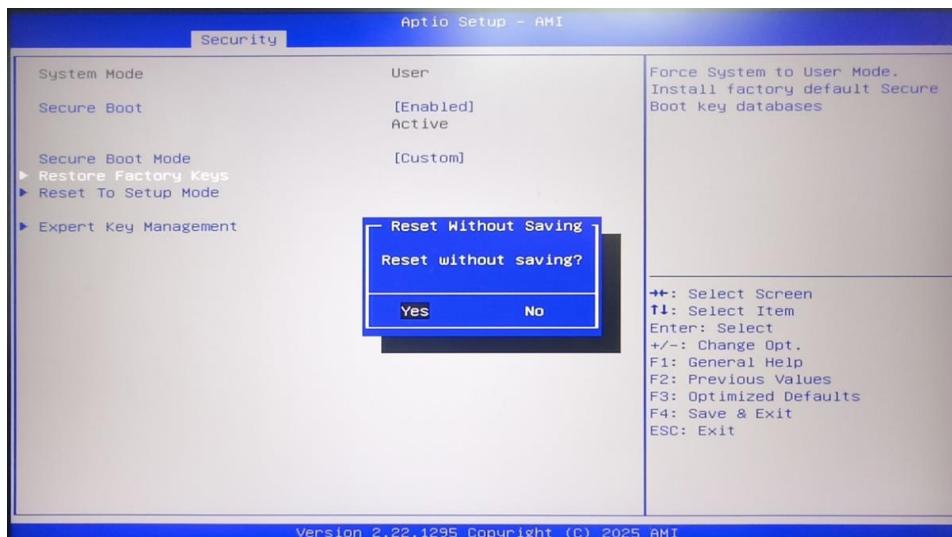
4.10 選取 Restore Factory Keys



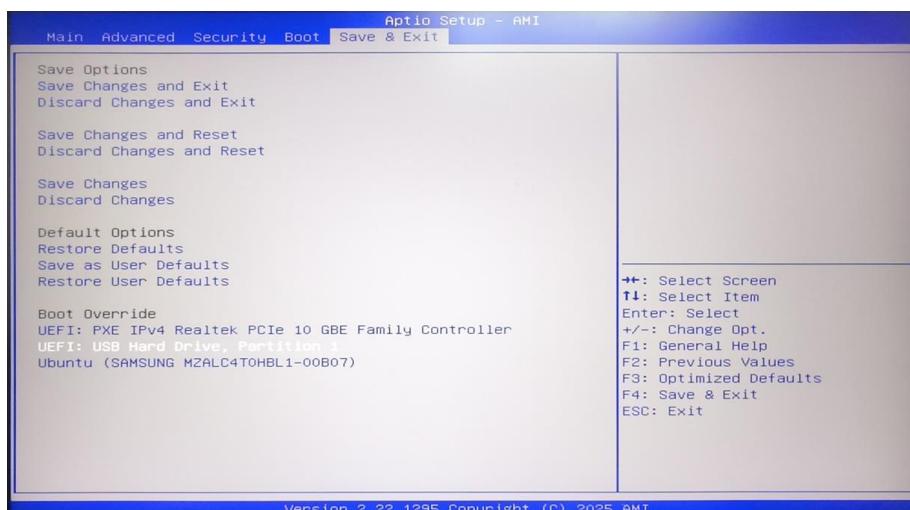
4.11 選取 Yes 來回復到預設值



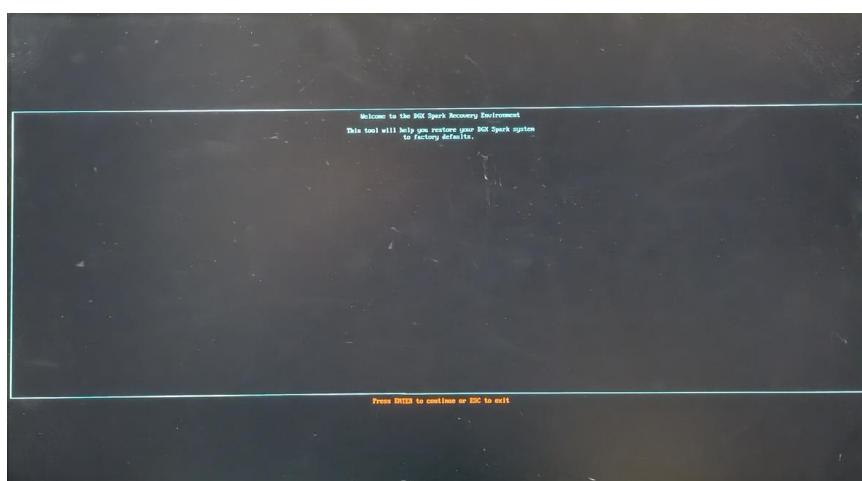
4.12 設定完後會要求重新開機,重新開機後請再回到 BIOS



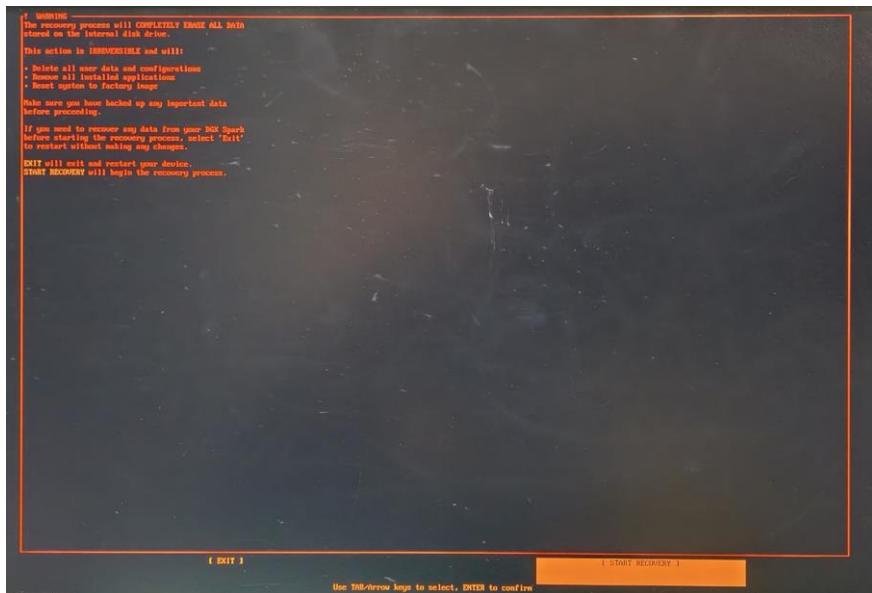
4.13 再進入 BIOS 後, 至 Save & Exit 頁面, 選取隨身碟開機



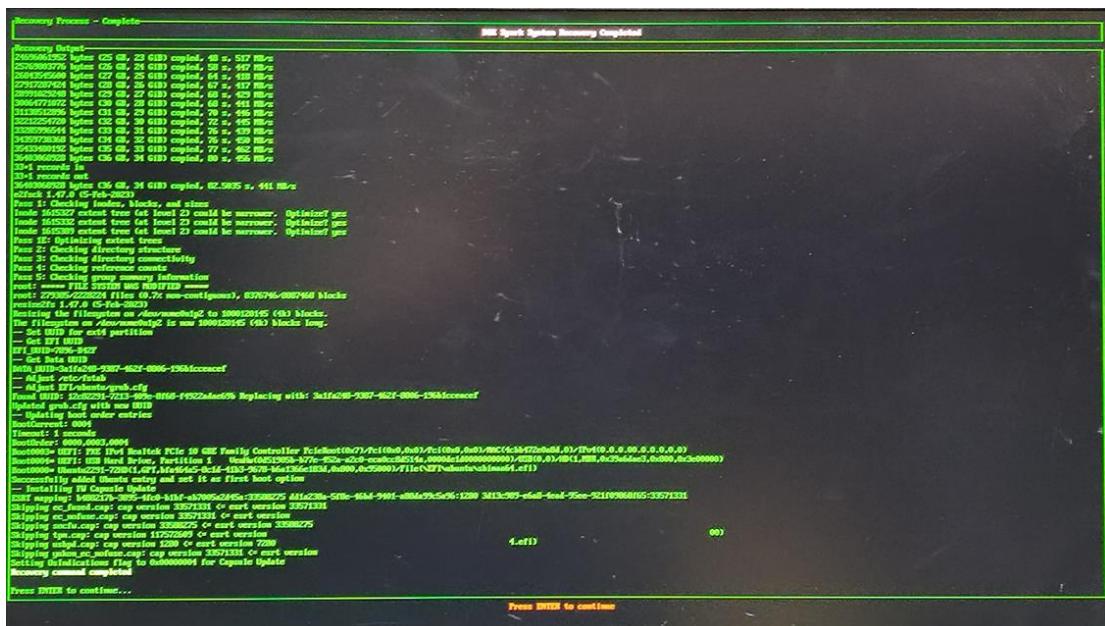
4.14 開始進行 DGX Spark Recovery



4.15 宣告若開始 Recovery, 將會清除掉所有的資料. 若沒問題, 選取 Start Recovery.



4.16 接下來就開始複製並安裝



4.17 完成後, 請 Restart

