

How to update BIOS for Q21 under DOS

PUBLISHED FROM GIGABYTE

(By using BIOS Flasher tool to make a bootable USB disk)

[HOW-TO]

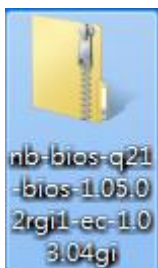
- ✓ You will learn how to update BIOS for Q21 under DOS correctly.

[Tool kit]

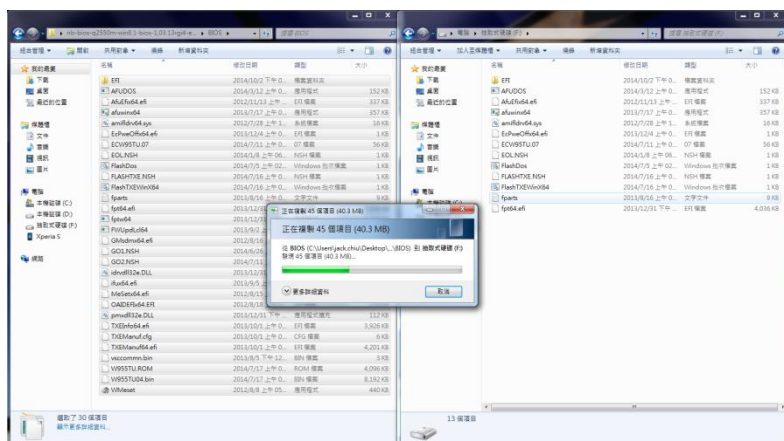
An empty or formatted USB disk SYSTEM File (FAT 32)

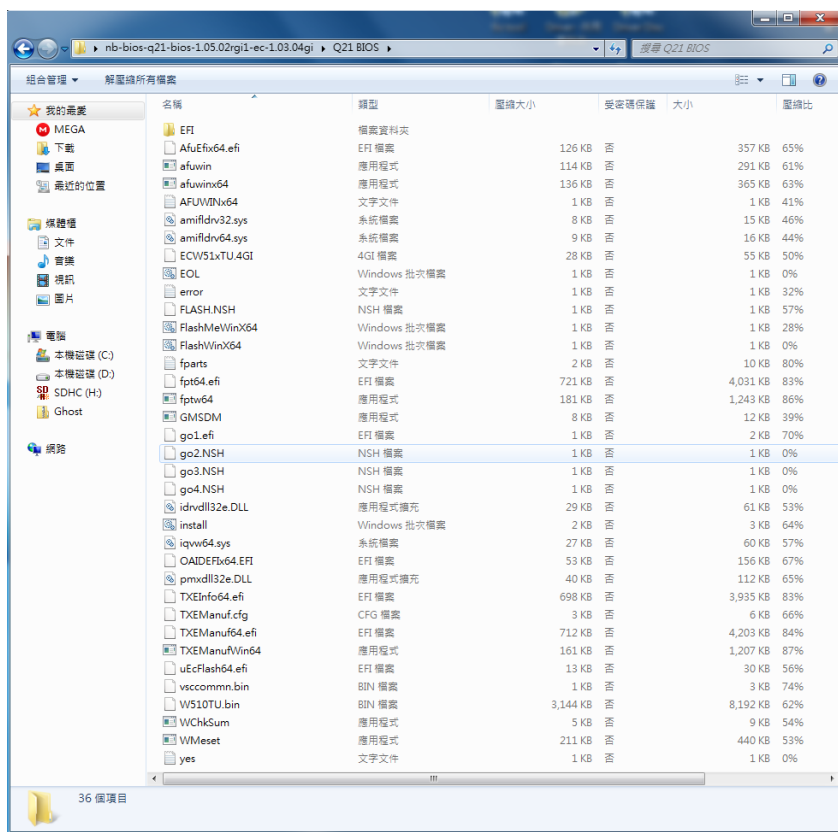
[STEP – Download and update BIOS for Q21]

1. Connect power core into DC jack.
2. Download the latest version from Gigabyte's BIOS product page will decompress the compressed file and double-click the file.

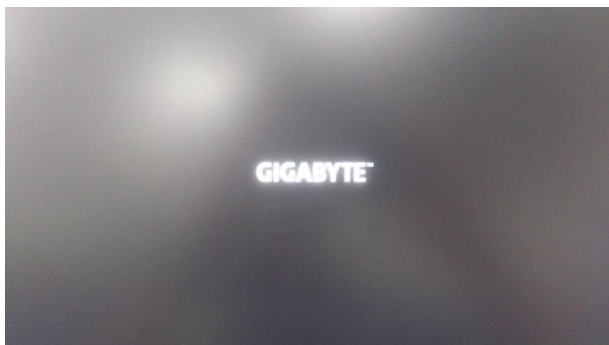


3. The BIOS file folder moved formatted USB drive.

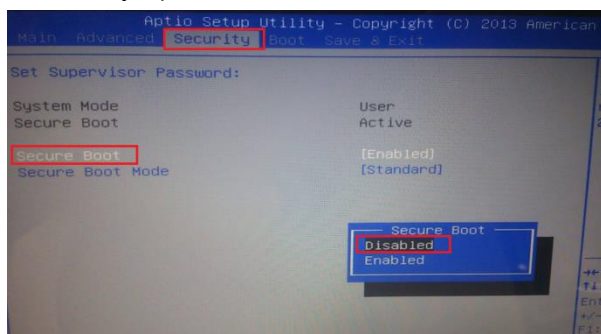




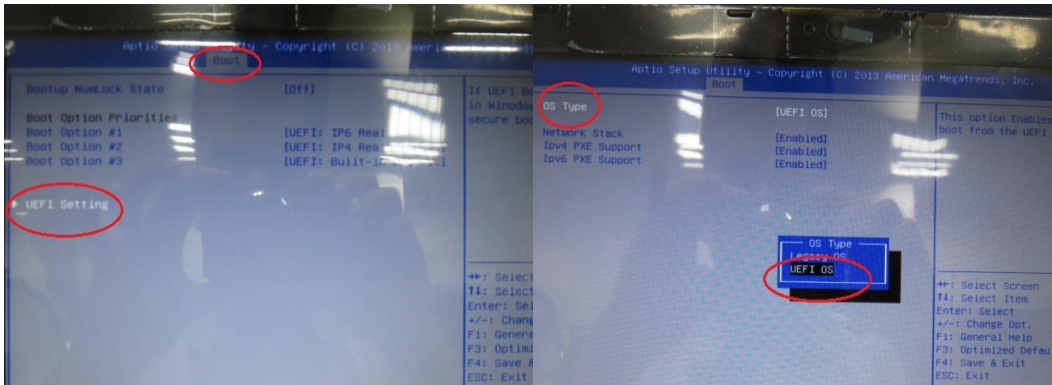
4. Press the power button is turned on and the POST screen, press the F2 key to enter the BIOS Setup Utility.



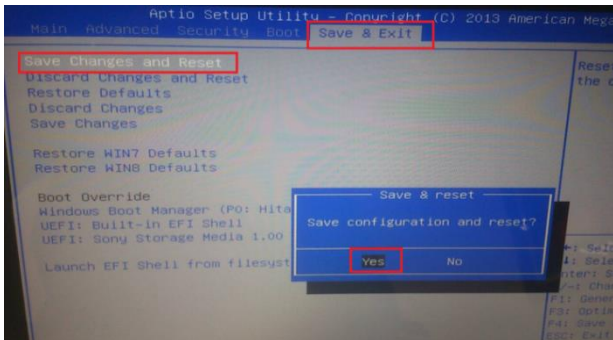
5. Security options Secure Boot Select Disabled and press Enter.



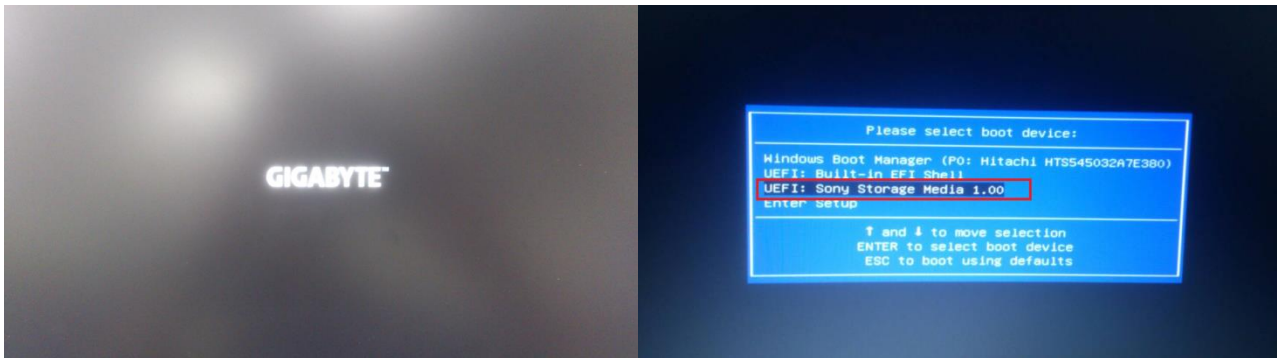
6. Boot Options UEFI setting OS Type Select UEFI OS and press Enter.



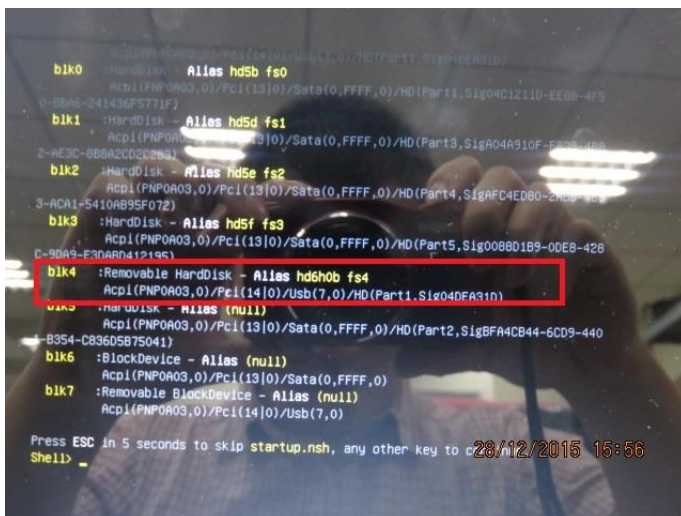
7. Save & Exit Options Save Changes and Reset Select Yes and press Enter.



8. Insert the USB drive by pressing F12, select the USB drive to boot.



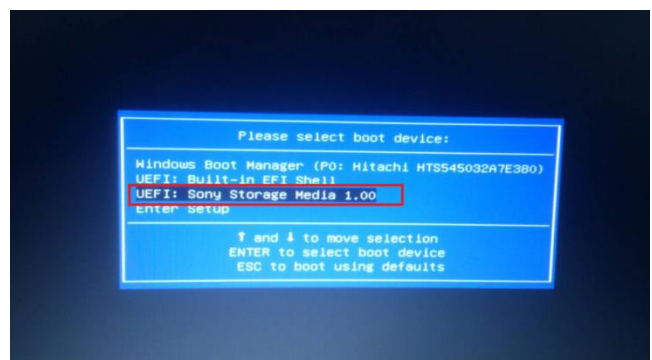
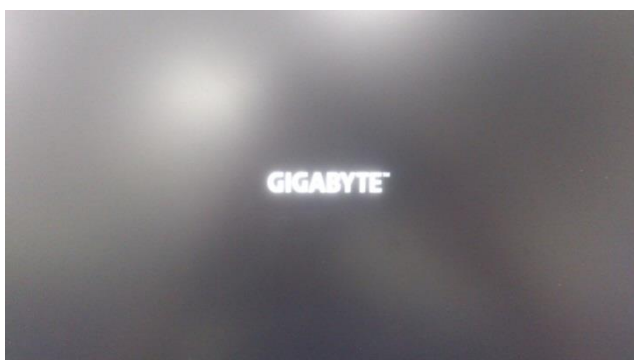
9. Disk segmentation different enter fs, **red mark** identify way. Enter fs4:



10. Please input command "go1" to unlock ME (after completed, system will shut down itself)



11. Power on and press F12 to select the USB drive to boot again.



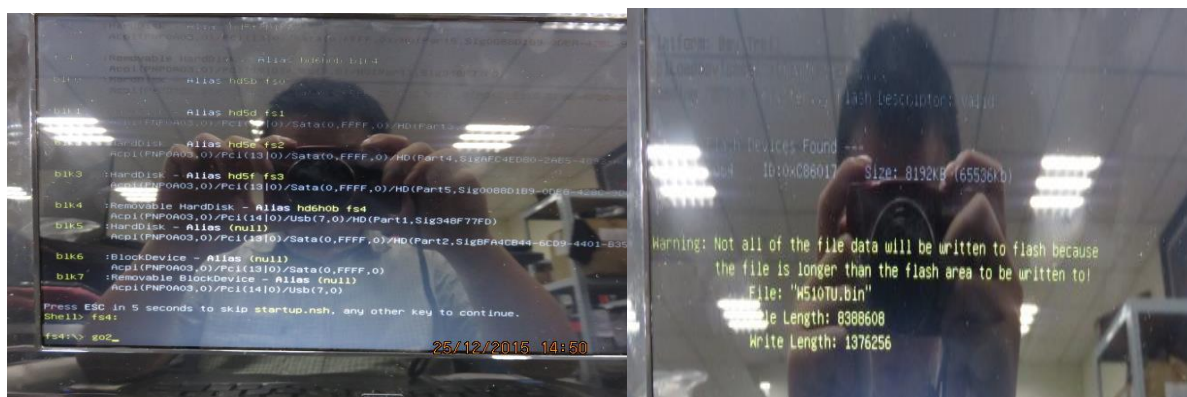
12. Please input command "fs4:" then press Enter


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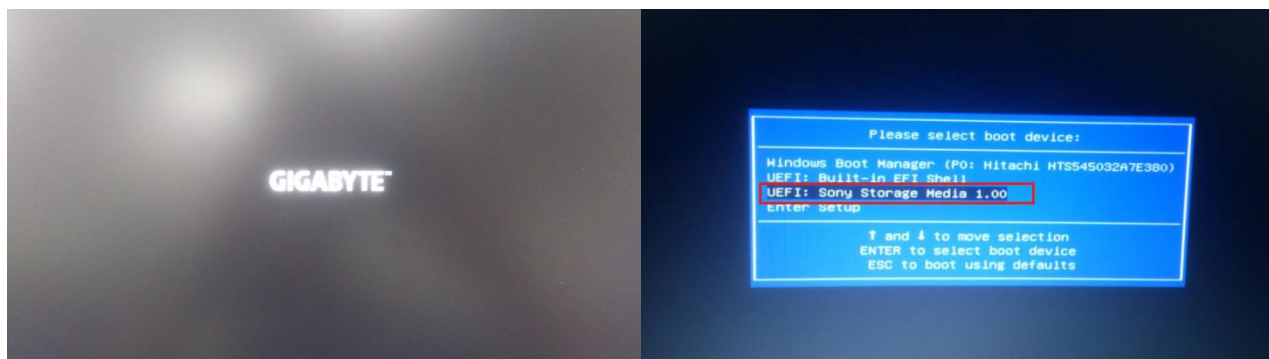
EFI Shell version 2.31 (5.9)
Device mapping table
fs0: HardDisk - Alias hds0 fs0
fs1: HardDisk - Alias hds1 fs1
fs2: HardDisk - Alias hds2 fs2
fs3: Removable HardDisk - Alias hds3 fs3
bbs0: HardDisk - Alias hds0 fs0
bbs1: HardDisk - Alias hds1 fs1
bbs2: HardDisk - Alias hds2 fs2
bbs3: Removable HardDisk - Alias hds3 fs3
bbs4: HardDisk - Alias (null)
bbs5: BlockDevice - Alias (null)
bbs6: BlockDevice - Alias (null)
bbs7: Removable BlockDevice - Alias (null)
Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell> _

```

13. Please input command "go2" to unlock ME & BIOS (after completed, system will shut down itself; when you boot up again, screen will show up CMOS message, please press Enter twice for setting.)



14. Power on and press F12 to select the USB drive to boot again.



15. Please input command "fs4:" then press Enter

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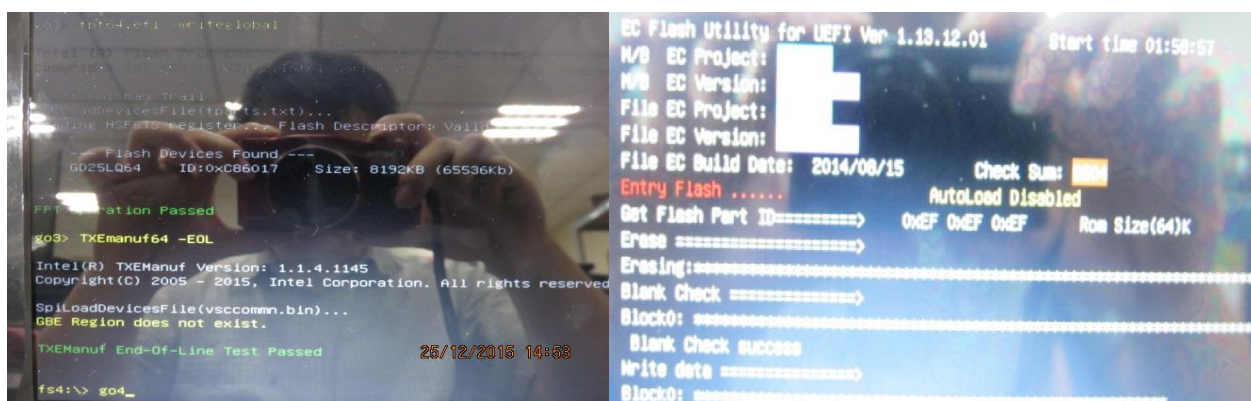
EFI Shell version 2.31 (5.9)
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fs0: HardDisk - Alias hds0 fs0
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bbs0: HardDisk - Alias hds0 fs0
bbs1: HardDisk - Alias hds1 fs1
bbs2: HardDisk - Alias hds2 fs2
bbs3: Removable HardDisk - Alias hds3 fs3
bbs4: HardDisk - Alias (null)
bbs5: BlockDevice - Alias (null)
bbs6: BlockDevice - Alias (null)
bbs7: Removable BlockDevice - Alias (null)
Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell> _
fs4:

```

16. Please input command "go3" to unlock EC



17. Please input command "go4" to refresh EC.



18. BIOS/EC refresh finished · please into BIOS interface and set to previous setting for OS boot up.

About GIGABYTE Upgrade Your Life

GIGABYTE, headquartered in Taipei, Taiwan, is known as a global leading brand in the IT industry, with employees and business channels in almost every country. Founded in 1986, GIGABYTE started as a research and development team and has since taken the lead in the world's motherboard market. On top of motherboards and graphics accelerators, GIGABYTE further expanded its product portfolio to include notebook and desktop PCs, digital home entertainment appliances, networking servers, communications, mobile and handheld devices, servicing every facet of people's lives at home or business. Everyday GIGABYTE aims to "Upgrade Your Life" with the most innovative designs and impeccable quality and services. Visit www.gigabyte.com for more information.

於 DOS 下更新 Q21 的 BIOS

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【目標】

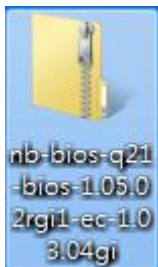
- ✓ 於 DOS 下正確地更新 Q21 的 BIOS.

[所需工具]

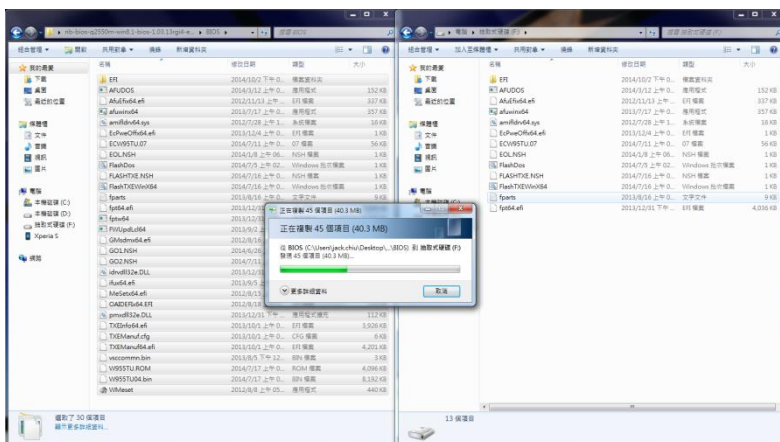
一個空的或者格式化過的 USB 磁碟-系統檔案(FAT 32)

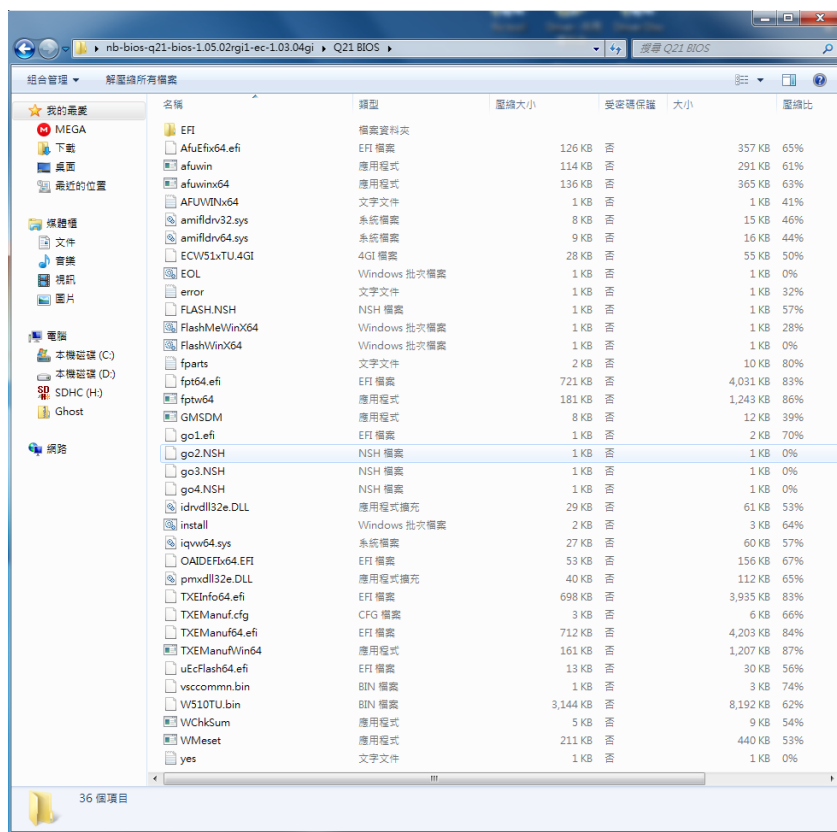
【更新步驟 - 下載並刷新 Q21 的 BIOS】

1. 將電源插頭插入電源孔並確認電力由變壓整流器供電。
2. 從技嘉產品網頁下載最新版的 BIOS 將壓縮檔並雙擊解壓縮該檔。

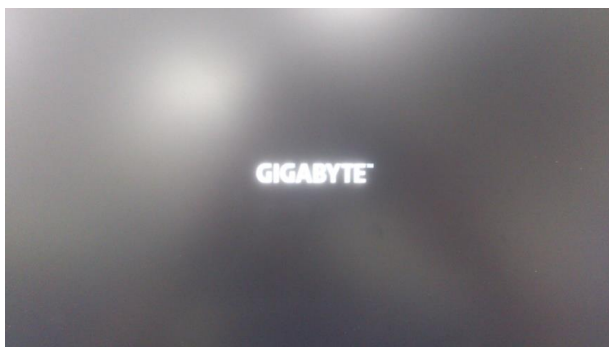


3. 將 BIOS 資料夾的檔案移至已格式化的隨身碟。

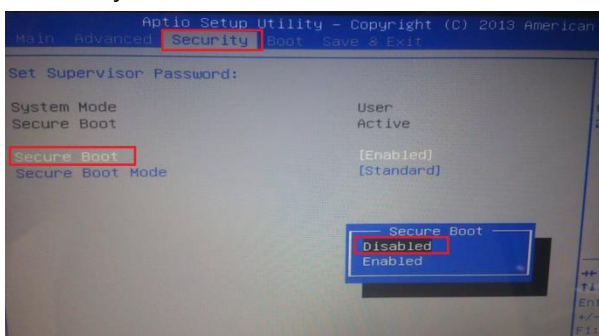




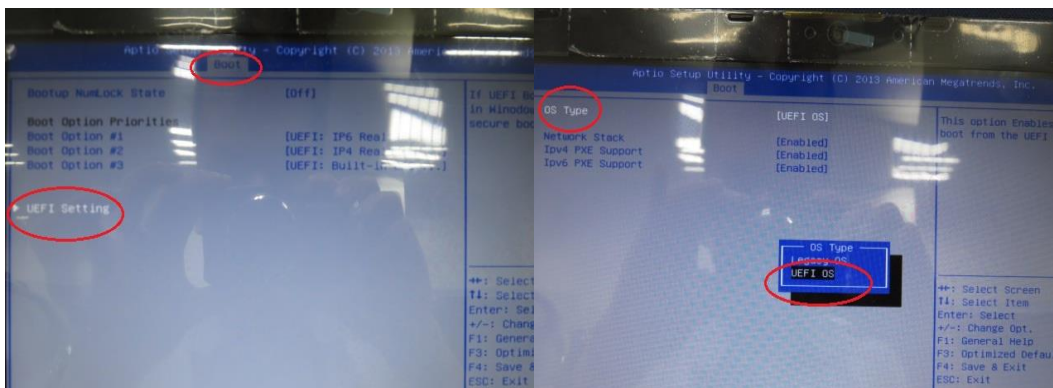
4. 按下電源鍵開機並在 POST 畫面按 F2 鍵進入 BIOS Setup Utility.



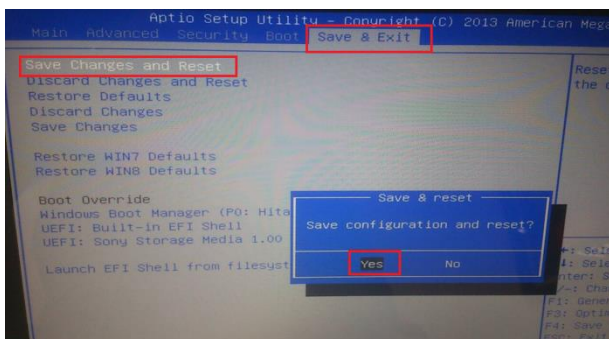
5. Security 選項中的 Secure Boot 選擇 Disabled 按 Enter。



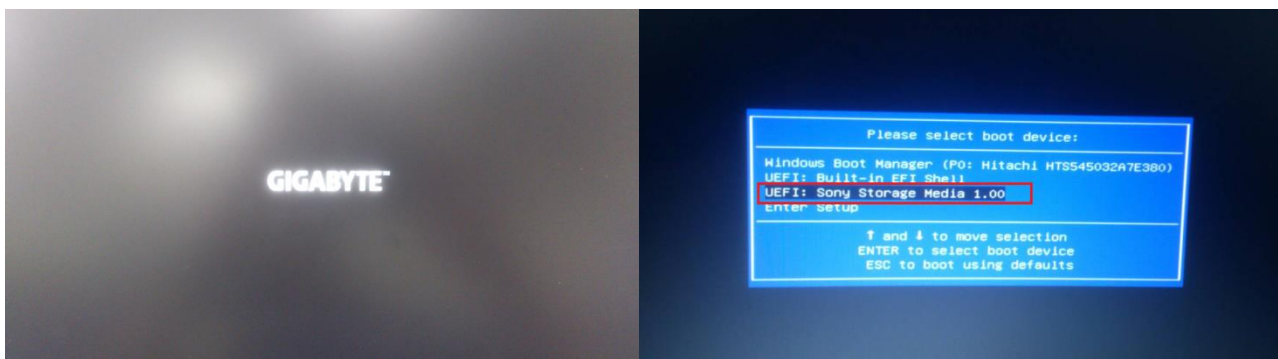
6. Boot 選項 UEFI setting 選擇 OS Type 選擇 UEFI OS 按 Enter.



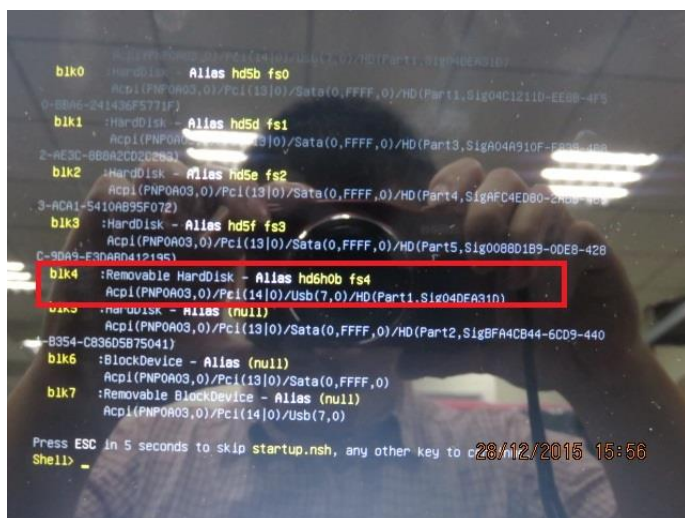
7. Save & Exit 選項 Save Changes and Reset 選擇 Yes 按 Enter。



8. 插入隨身碟按下 F12，選擇隨身碟開機。



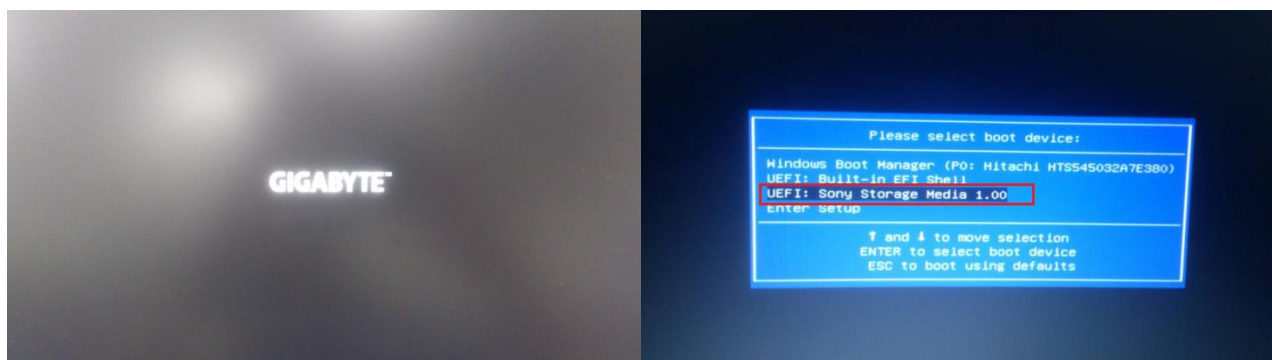
9. 磁盤分割不同輸入不同 fs，紅色標記識別方法，輸入 fs4: 後按 Enter。



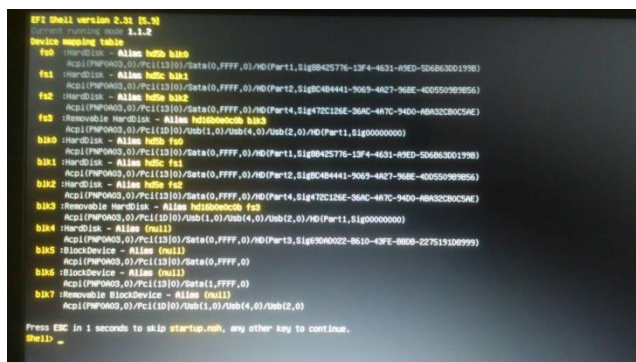
10. 輸入 go1 按 Enter 釋放 ME(刷新完成後會自動重新啟動)



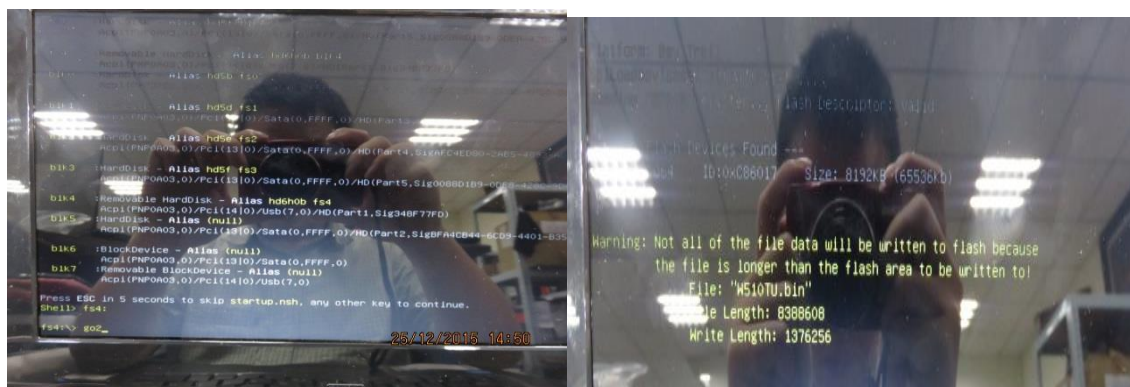
11. 按下電源鍵開機並在 POST 畫面按 F12，選擇隨身碟開機。



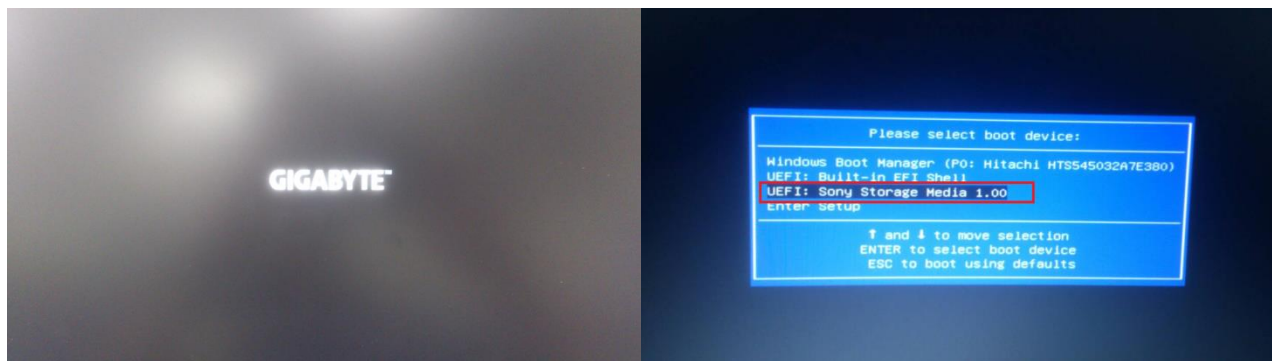
12. 輸入 fs4: 後按 Enter。



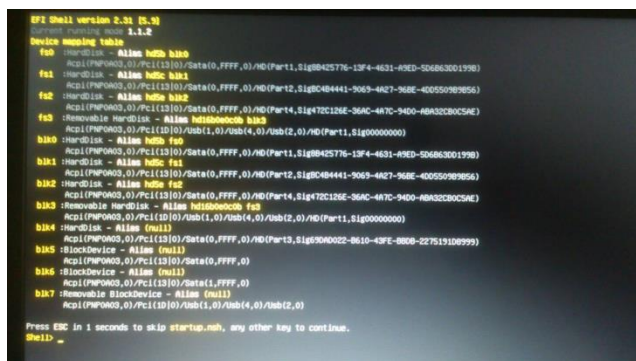
13. 輸入 go2 按 Enter 刷新 ME 及 BIOS。(刷新完成後，自動關機，開機顯示 CMOS Message 按兩次自動重新啟動)



14. 按下電源鍵開機並在 POST 畫面按 F12，選擇隨身碟開機。



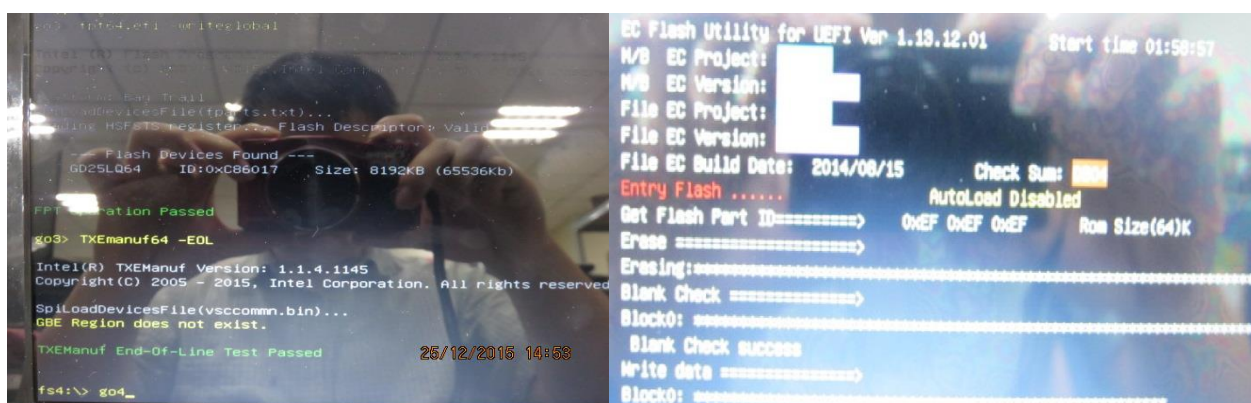
15. 輸入 fs4: 後按 Enter。



16. 輸入 go3 按 Enter 釋放 EC。



17. 輸入 go4 按 Enter 刷新 EC。



18. BIOS/EC 刷新完畢後，進 F2 BIOS 設定選項返回原來設定值。

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