

How to update BIOS for Q2556N v3 under DOS

PUBLISHED FROM GIGABYTE

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

[HOW-TO]

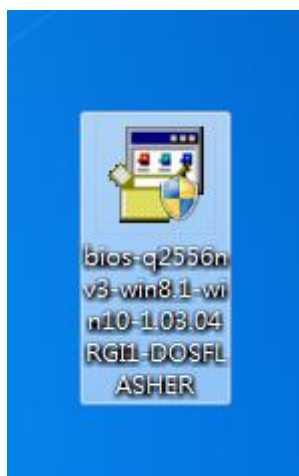
- ✓ You will learn how to update BIOS for Q2556N v3 under DOS correctly.

[Tool kit]

An empty or formatted USB disk

[STEP – Download and update BIOS for Q2556N v3]

- 1.Connect power core into DC jack.
- 2.Download the latest BIOS version from GIGABYTE website then double click the self-extract file.
- 3.Insert an empty or formatted USB disk in USB 2.0 port.
- 4.Double click the execute file under the DOS folder that just extracted. (for other version of BIOS may have different file name)



5. Click [OK] on the warning message if you have already inserted only one USB disk.



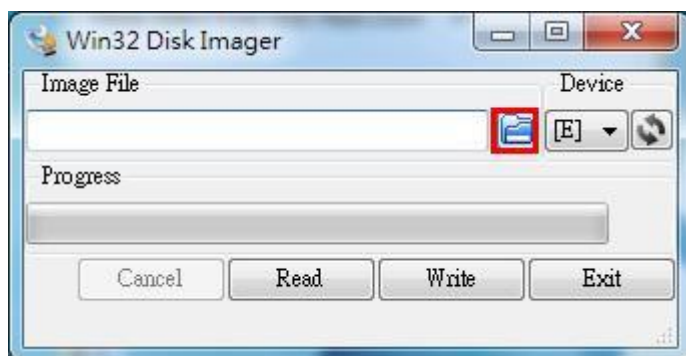
6. Select the location of your USB disk.
(You can check it under [Computer→Devices with Removable Storage])



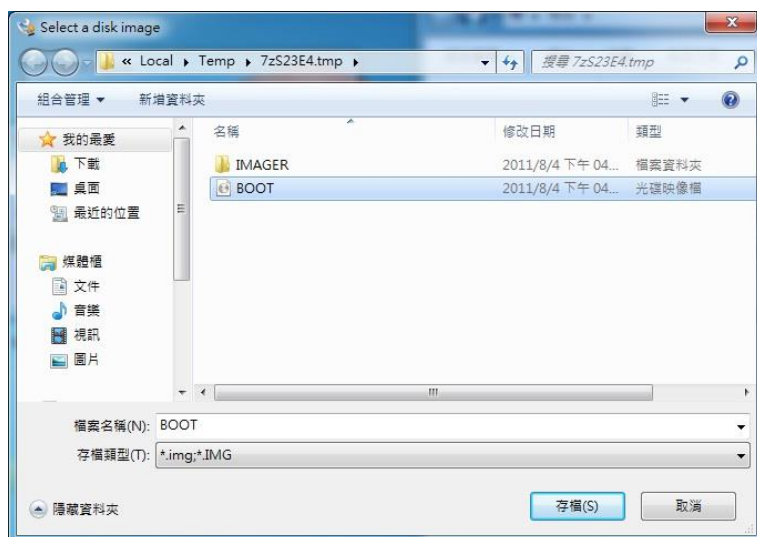
7. Click [Bootable USB] button.



8. Click the folder icon.



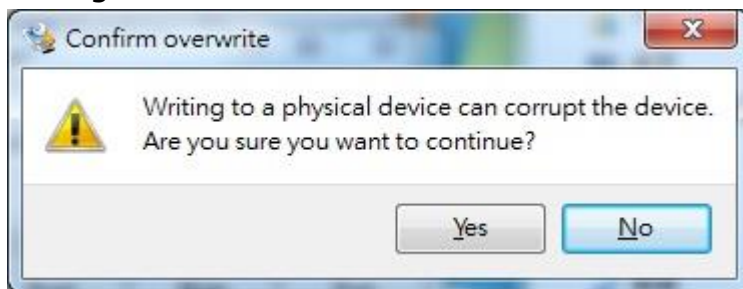
9. Select BOOT image file then click [save].



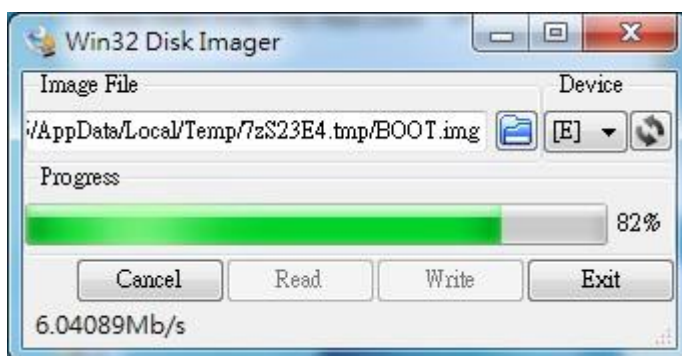
10. Click [Write] to start to perform writing image file.



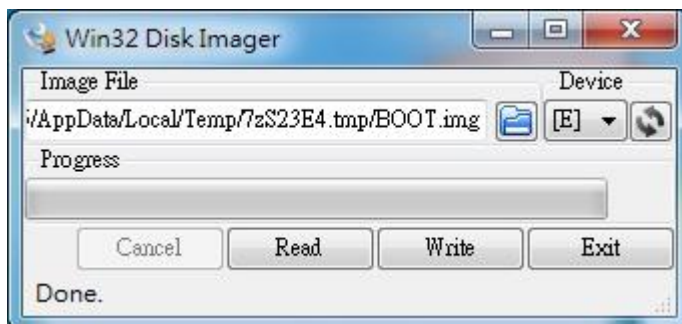
11. Click [Yes] on warning message to clean all the data on USB disk and start to write image file.



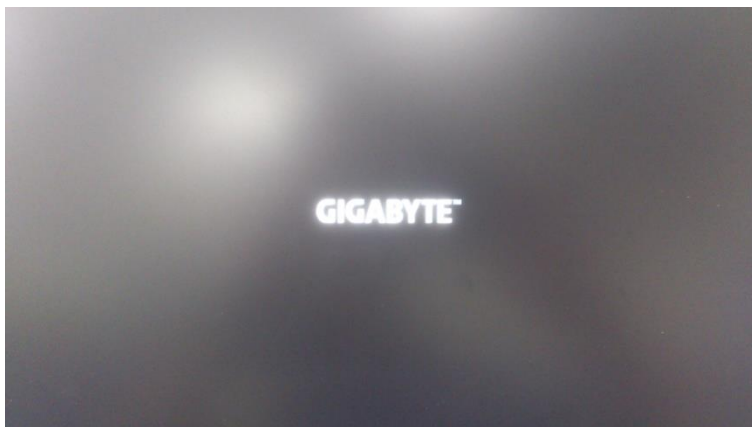
12. Process starts.



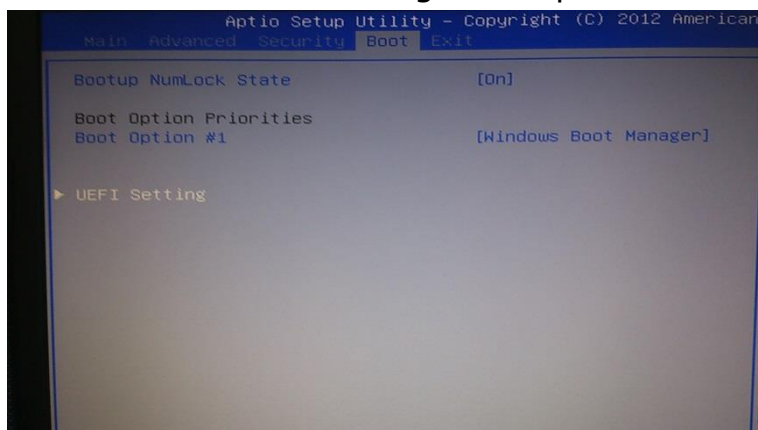
13. Once finish the process, now you have a bootable USB disk which includes the latest BIOS files inside. Please click [Exit] and restart the computer.



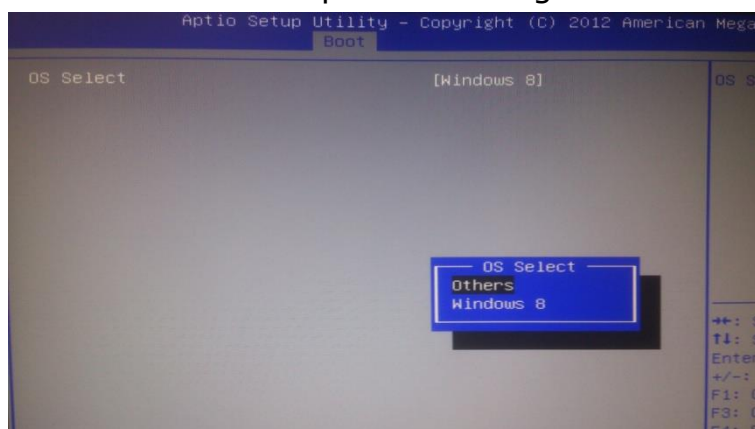
14. Press the power button to turn the screen and press the F2 key during POST to enter the BIOS Setup Utility.



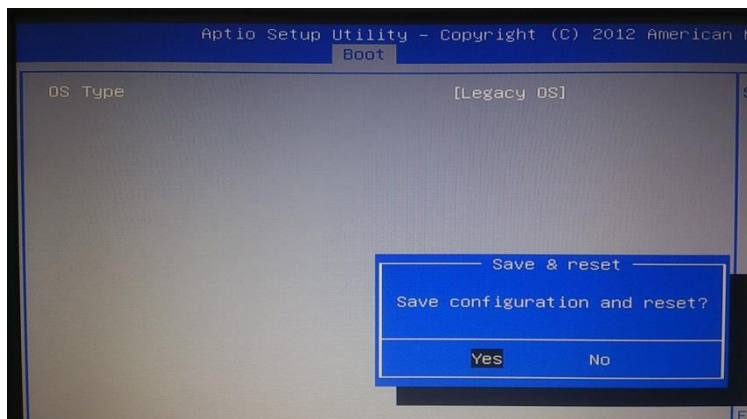
15. Select the UEFI Setting Boot Options.



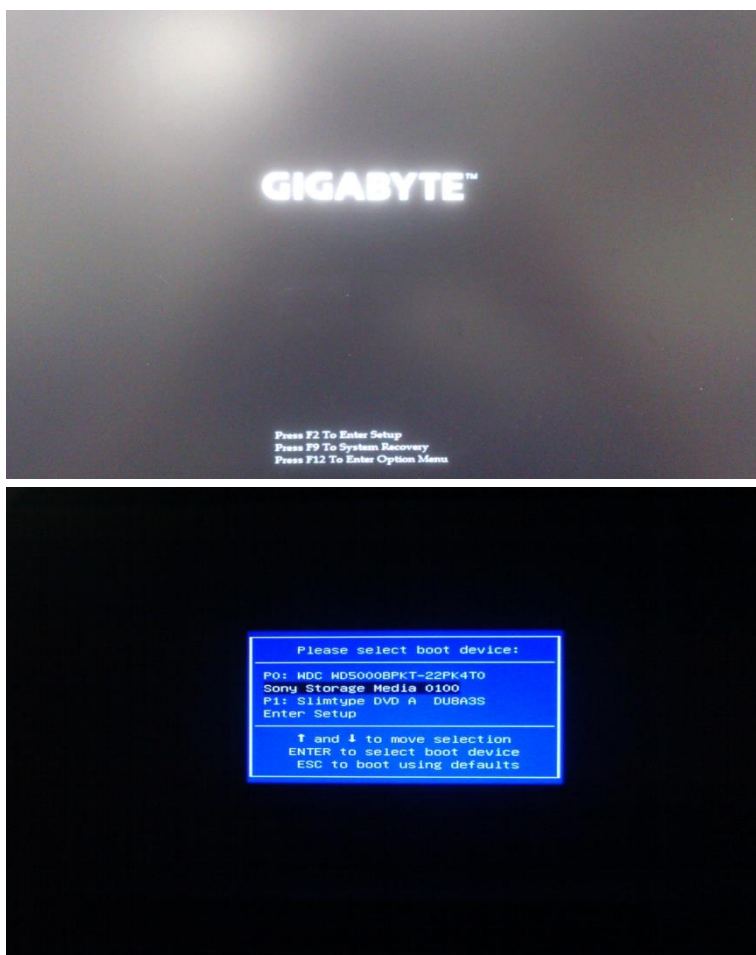
16. The OS Select option to change the Others.



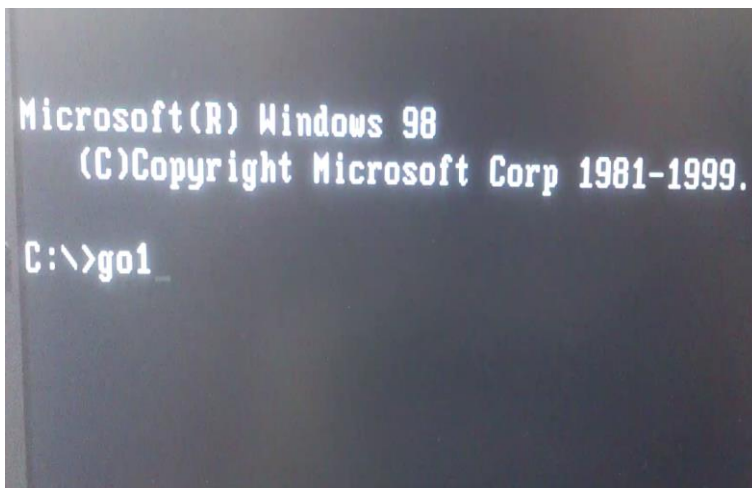
17. Press F4 to save and exit the BIOS.



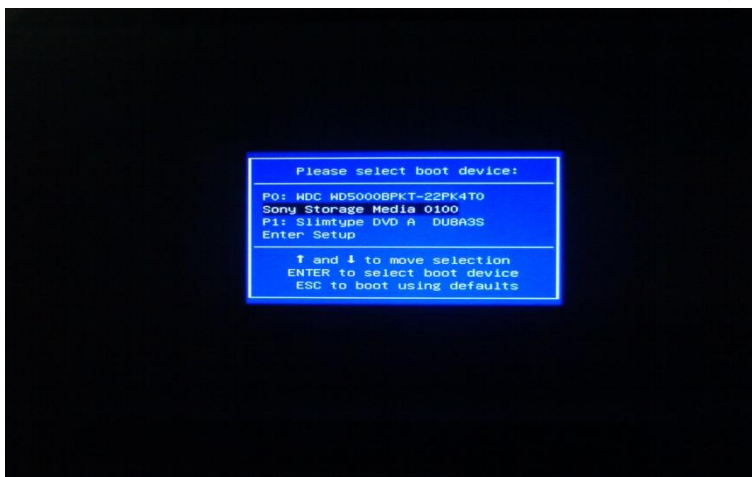
18. The POST boot screen, press the F12 key and select the Boot Manager your USB bootable disk.



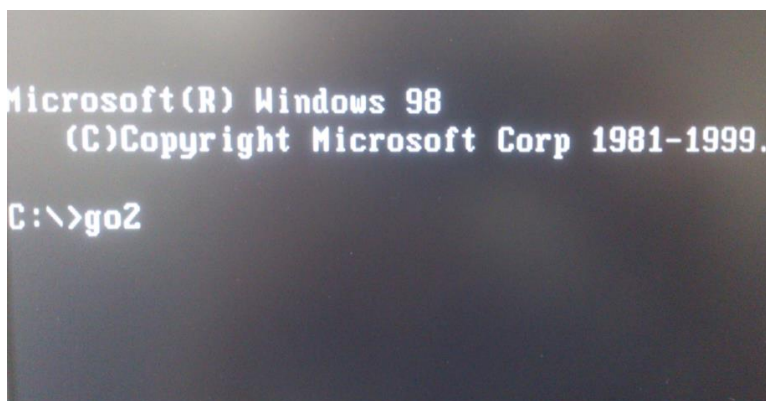
19. Press "go1.bat" to continue and Start to ME
(Please do not unplug the USB disk during flashing ME.)



20. **Auto Restart the computer** and Press F12 to go to DOS again.



21. Press "go2.bat" to continue and Start to BIOS
(Please do not unplug the USB disk during flashing BIOS.)



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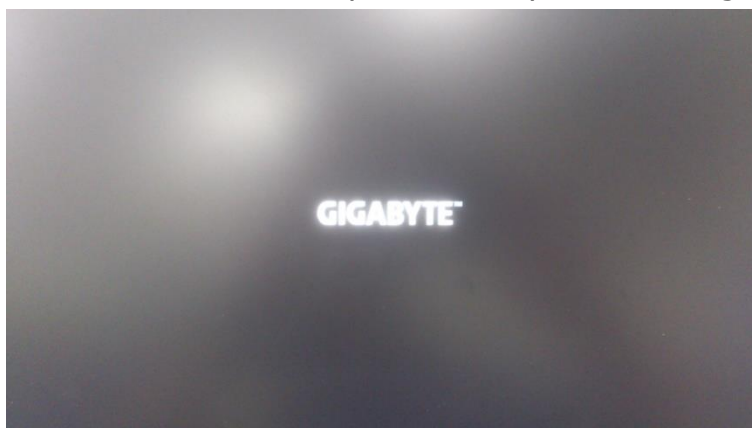
- Erasing Flash Block [0x009000] - 100% complete.
- Programming Flash [0x009000] 4KB of 4KB - 100% complete.
- Erasing Flash Block [0x015000] - 100% complete.
- Programming Flash [0x015000] 44KB of 44KB - 100% complete.
- Erasing Flash Block [0x04D000] - 100% complete.
- Programming Flash [0x04D000] 4KB of 4KB - 100% complete.
- Verifying Flash [0x200000] 2044KB of 2044KB - 100% complete.
RESULT: The data is identical.

FPT Operation Passed

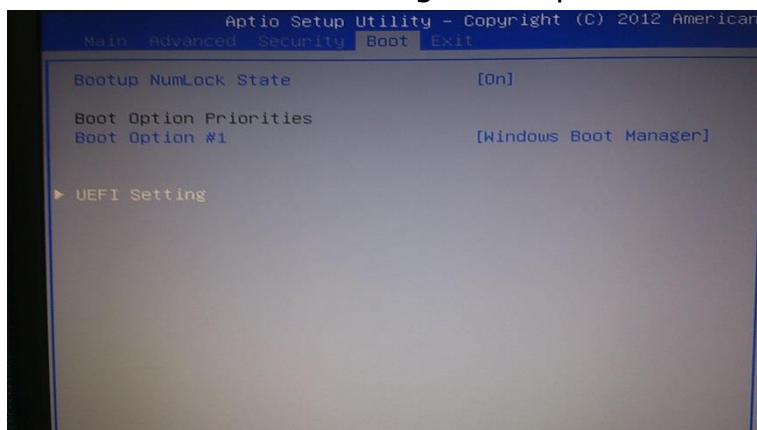
C:\>Call flash.bat
Copyright (C) 2011 by Clevo CO. RD513 GMSDM U
Start to Get OA30 Message .....OK
+-----+
:               AMI Firmware Update Utility(APTIO) v2.39
:       Copyright (C)2011 American Megatrends Inc. All Rights Reserved
+-----+
Reading file ..... done
FFS checksums ..... ok
Erasing flash ..... 0x00240000 (56%)

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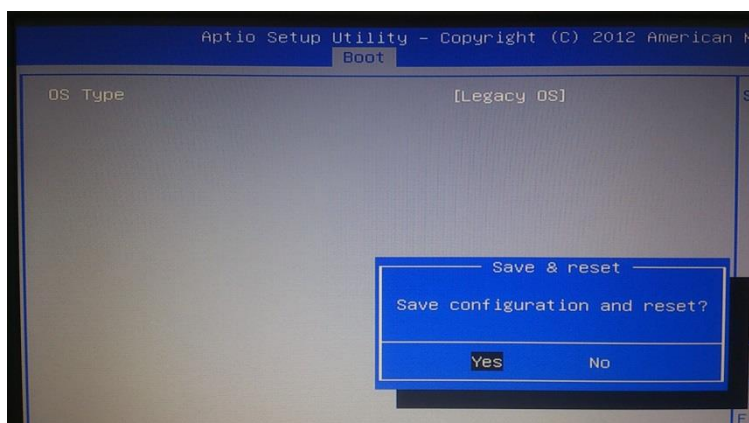
22. Power on the computer then press F2 to go to BIOS Setup Utility.



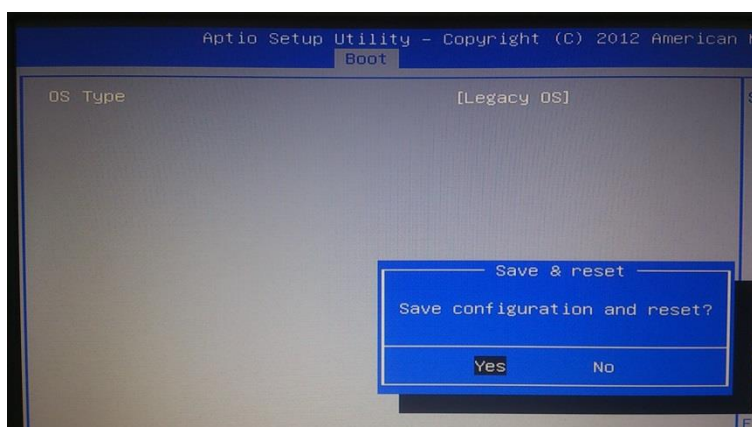
23. Select the UEFI Setting Boot Options.



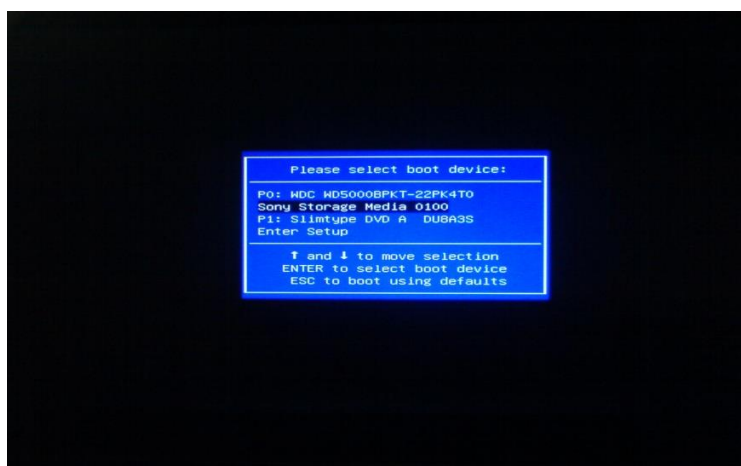
24. The OS Type option to change the Legacy OS.



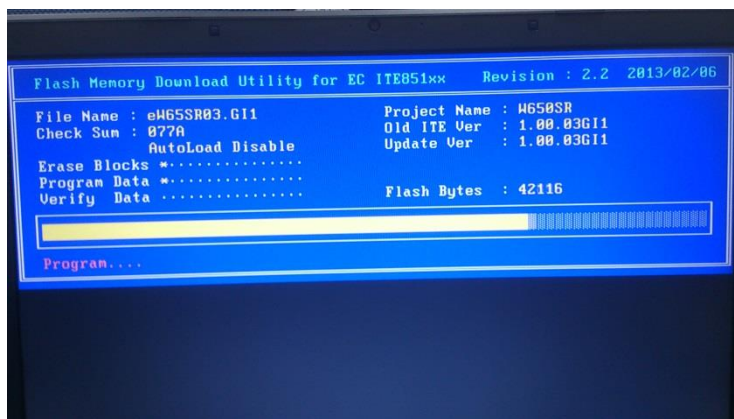
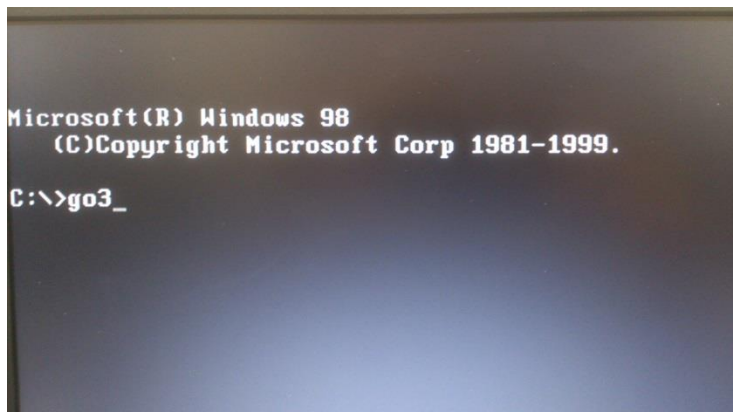
25. Press F4 to save and exit the BIOS.



26. Press F12 to go to DOS again

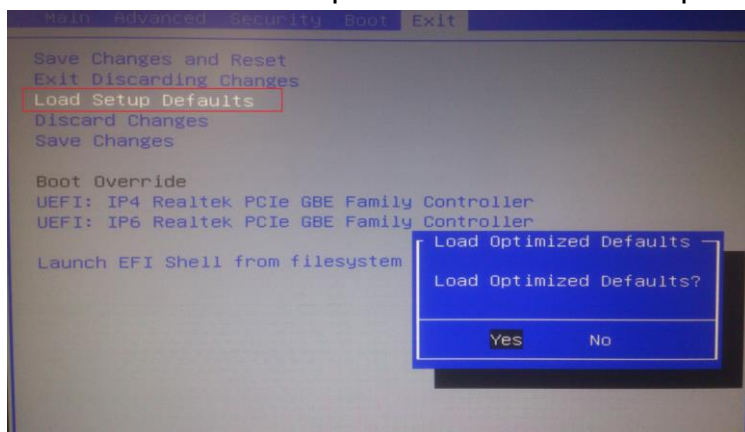


27. Press "go3.bat" to continue and Start to EC



28.press the F2 enter the BIOS Setup Utility.

29.Select Load Setup Defaults Select Yes press enter.



30.Select Save Change and Reset then Restart The Computer.

Note: BIOS Flasher can only be used on GIGABYTE Notebook products. After finish flashing BIOS, you can restore your USB disk size by [Format Your USB Drive] under BIOS Flasher tool.



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 Q2556N v3 的 BIOS

PUBLISHED FROM GIGABYTE

(使用 BIOS Flasher 工具製作可開機的 USB 磁碟)

[目標]

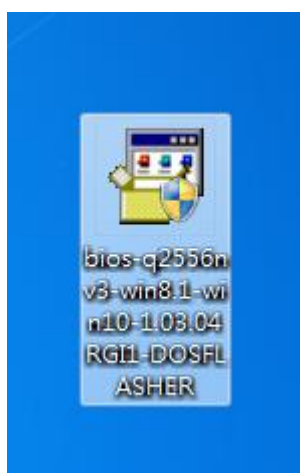
- ✓ 於 DOS 下正確地更新 Q2556N v3 的 BIOS.

[所需工具]

一個空的或者格式化過的 USB 磁碟

[更新步驟 – 下載並刷新 Q2556N v3 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 自動壓縮檔並雙擊解壓縮該檔.
3. 插入一個空的或者格式化過的 USB 磁碟至 USB 2.0 埠內.
4. 於剛才已解壓縮的 DOS 資料夾內雙擊執行檔. (對於不同版本的 BIOS 可能會有不同的檔案名稱)



5. 確認僅插入一個 USB 磁碟後請按[確定].



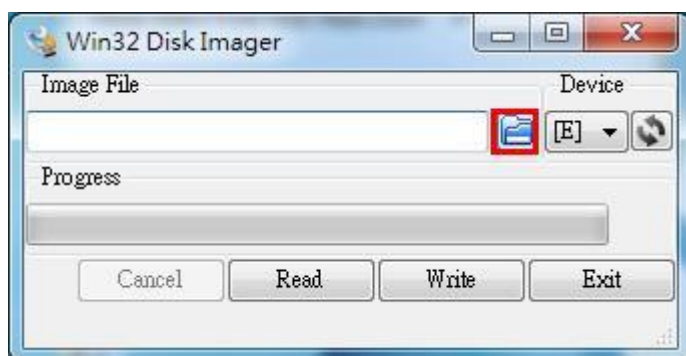
6. 於下拉式選單選擇 USB 磁碟的所在磁碟槽名稱. (可於 [電腦→裝置中含有卸除式存放裝置] 檢查位置)



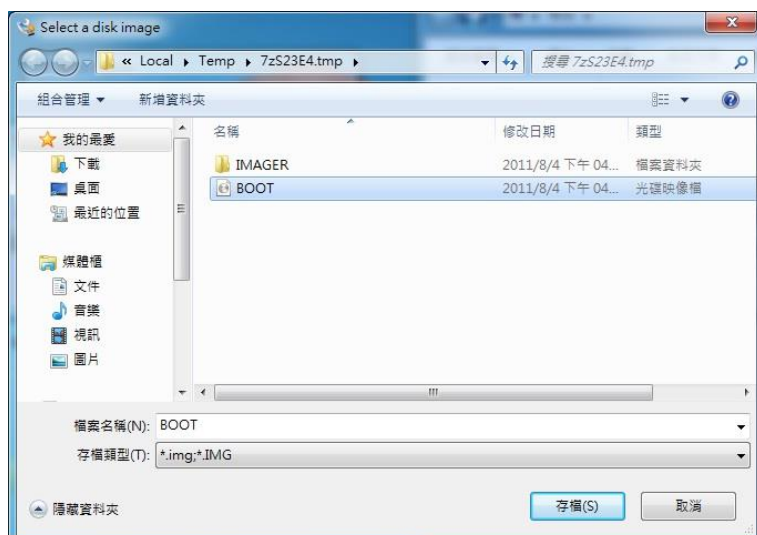
7. 點擊 [Bootable USB] 按鈕.



8. 點擊資料夾圖示。



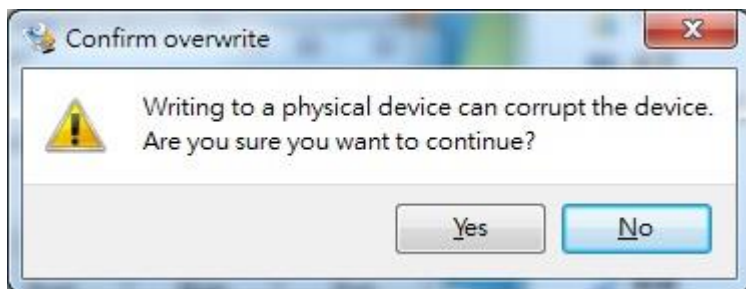
9. 選擇 BOOT 映像檔並點擊 [存檔].



10. 點擊 [Write] 開始執行寫入映像檔。



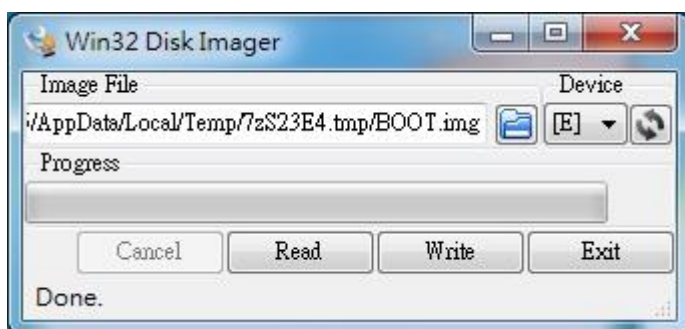
11. 點擊 [Yes] 後將清除 USB 磁碟內所有資料並開始寫入映像檔。



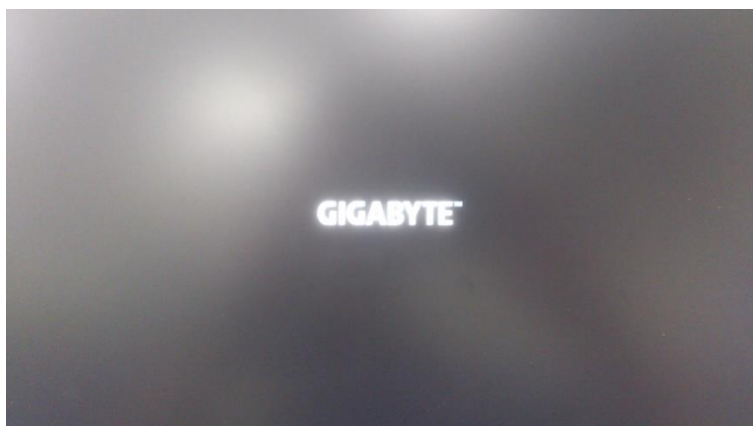
12. 開始執行寫入流程。



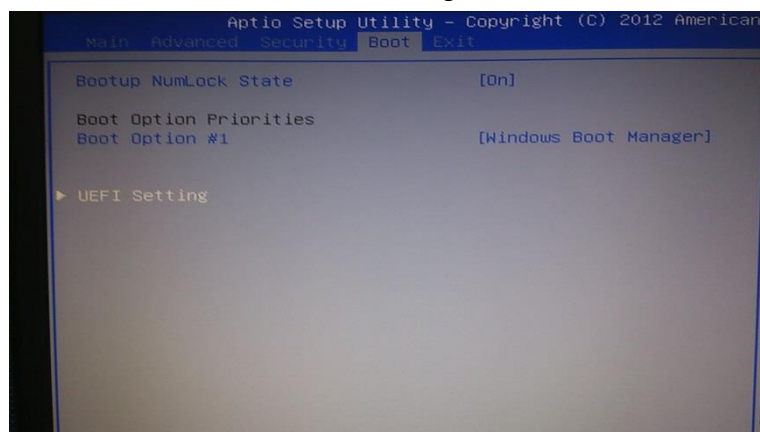
13. 完成寫入流程後請點擊 [Exit], 此 USB 磁碟現在已經包含最新的 BIOS 檔案且已成為可開機的裝置。請重新開機您的電腦。



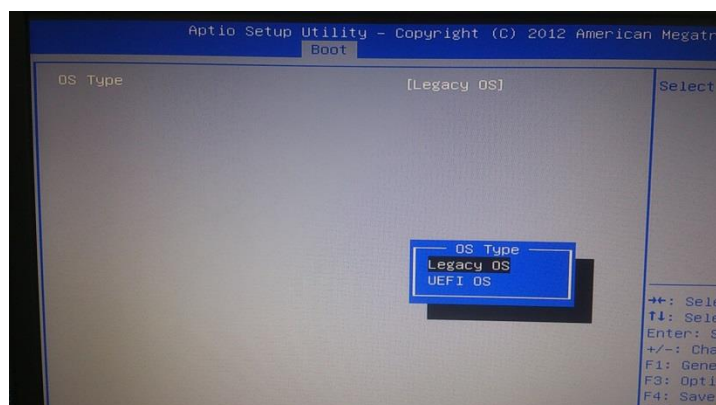
14. 按下電源鍵開機並在 POST 畫面按 F2 鍵進入 BIOS Setup Utility.



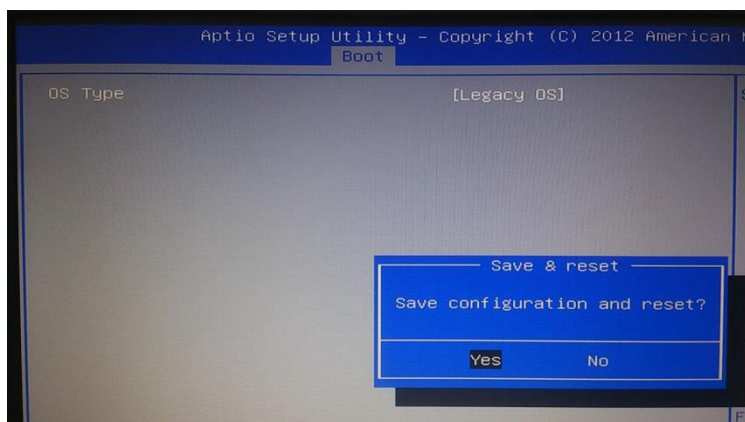
15. 選擇 Boot 選項中的 UEFI Setting



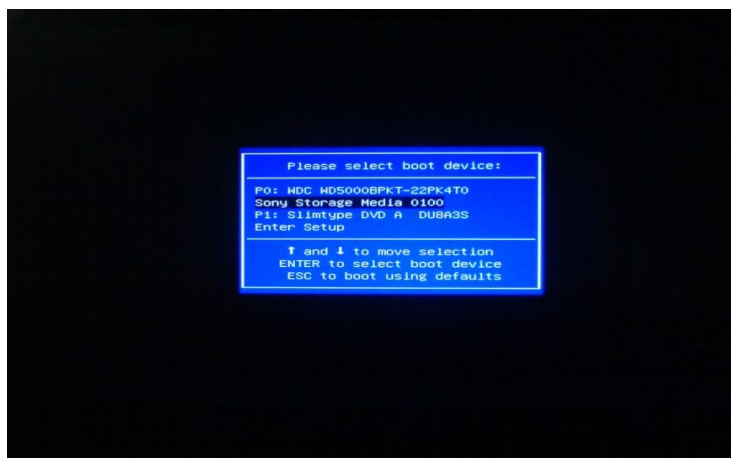
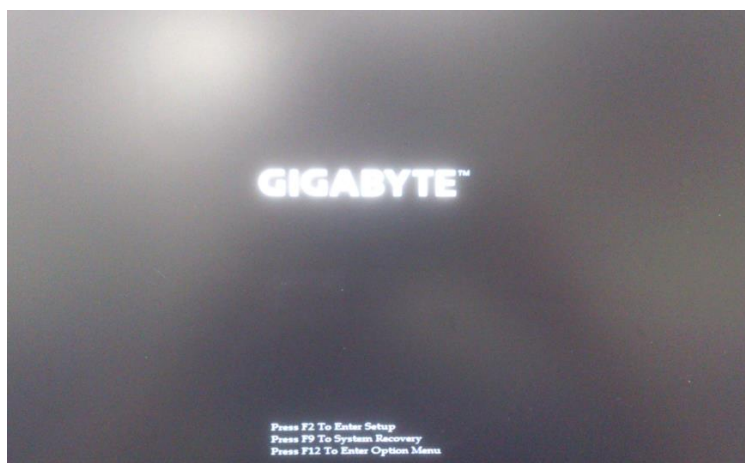
16. 將 UEFI Setting 選項更改為 Legacy OS.



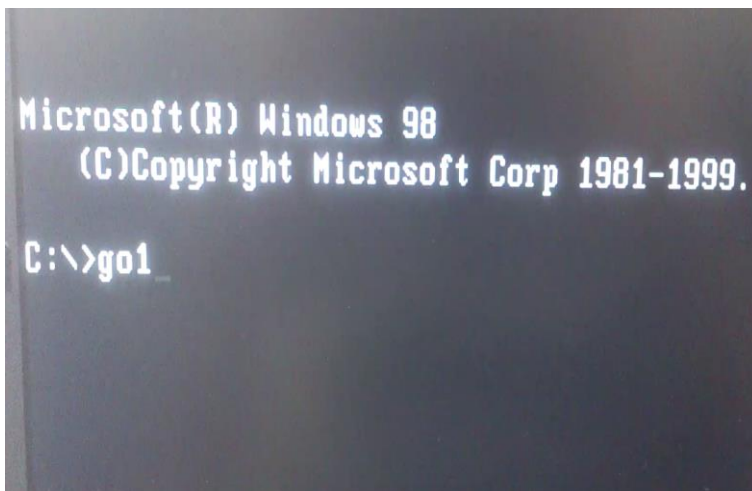
17.按下 F4 儲存並離開 BIOS.



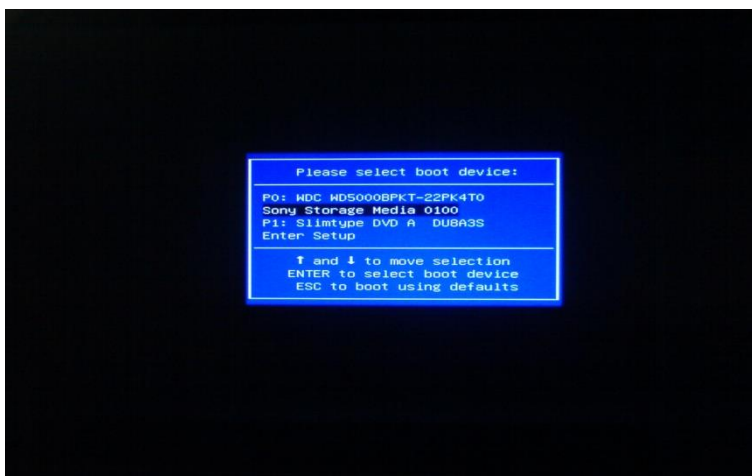
18.開機時的 POST 畫面按下 F12 鍵並在 Boot Manager 下選擇您的 USB 可開機磁碟.



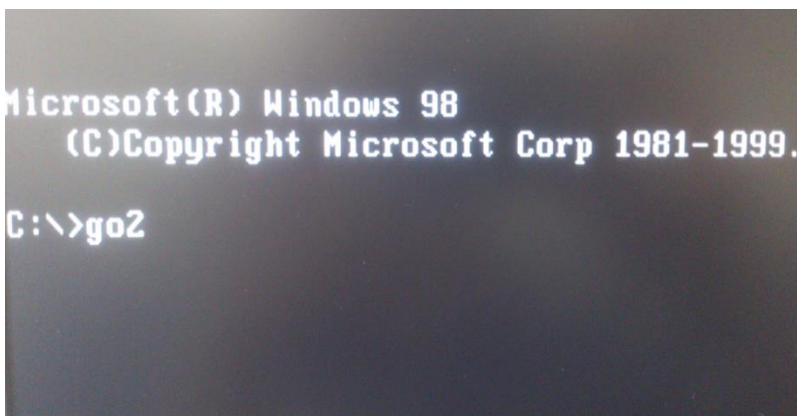
19.請確認電腦已連接電源插頭並輸入 " go1.bat" 以繼續 ME 更新流程.



20.自動重新開機並按 F12 以再次進入 DOS 底下繼續執行其它項目.



21.請確認電腦以連接電源插頭並輸入" go2.bat" 以繼續 BIOS 更新流程.



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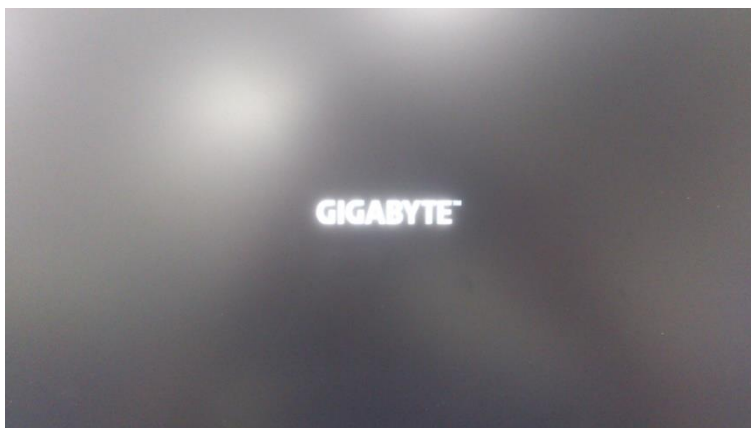
- Erasing Flash Block [0x009000] - 100% complete.
- Programming Flash [0x009000] 4KB of 4KB - 100% complete.
- Erasing Flash Block [0x015000] - 100% complete.
- Programming Flash [0x015000] 44KB of 44KB - 100% complete.
- Erasing Flash Block [0x04D000] - 100% complete.
- Programming Flash [0x04D000] 4KB of 4KB - 100% complete.
- Verifying Flash [0x200000] 2044KB of 2044KB - 100% complete.
RESULT: The data is identical.

FPT Operation Passed

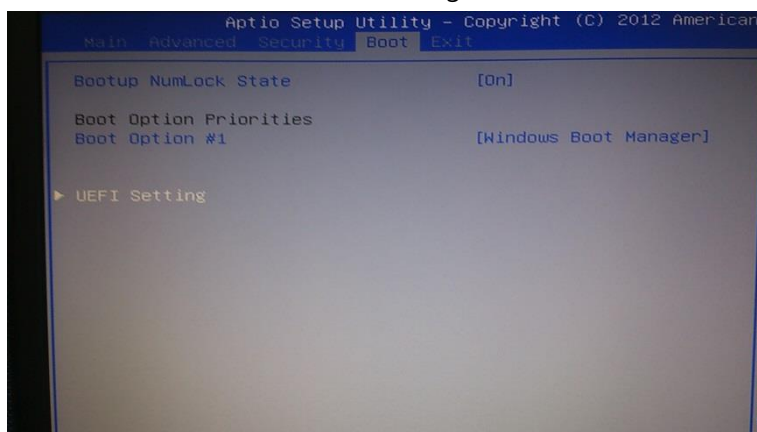
C:\>Call flash.bat
Copyright (C) 2011 by Clevo CO. RD513 GMSDM U
Start to Get OA30 Message .....OK
+-----+
:               AMI Firmware Update Utility(APTIO) v2.39
:       Copyright (C)2011 American Megatrends Inc. All Rights Rese
+-----+
Reading file ..... done
FFS checksums ..... ok
Erasing flash ..... 0x00240000 (56%)

```

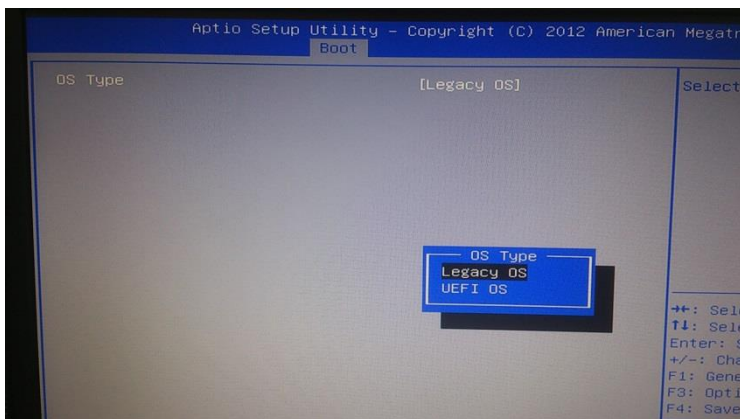
22 更新完成後須手動開機，POST 畫面按 F2 鍵進入 BIOS Setup Utility.



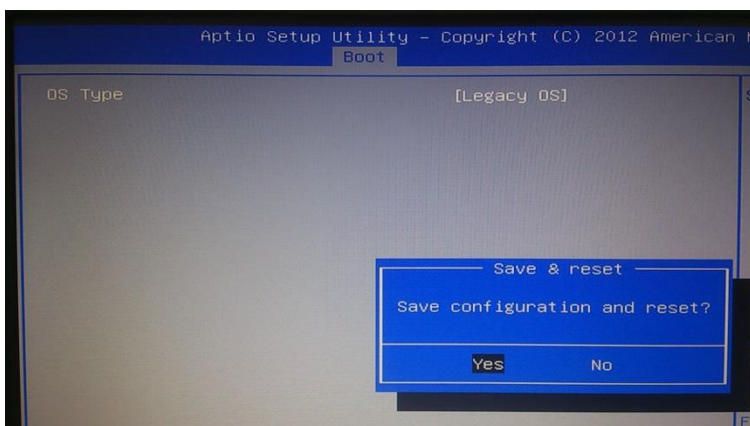
23..選擇 Boot 選項中的 UEFI Setting



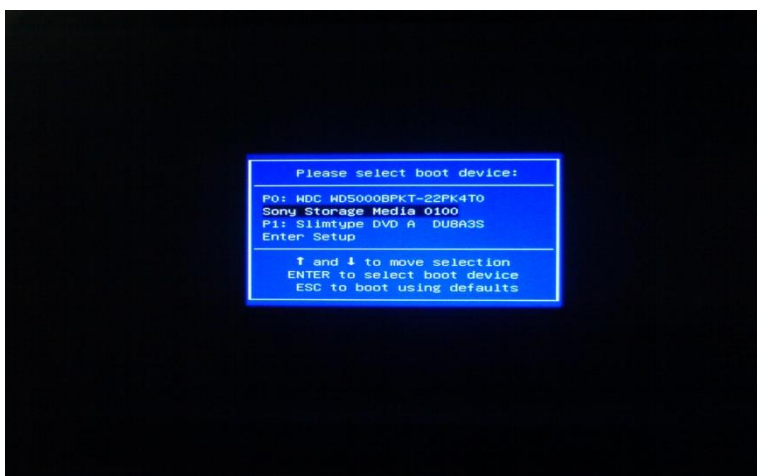
24.將 UEFI Setting 選項更改為 Legacy OS.



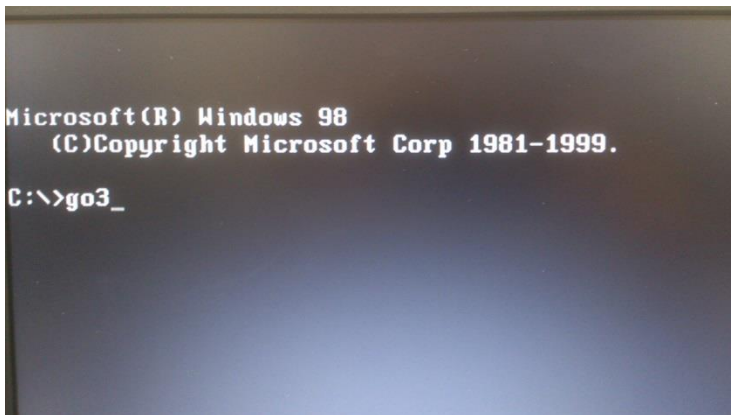
25.按下 F4 儲存並離開 BIOS.



26.開機時的 POST 畫面按下 F12 鍵並在 Boot Manager 下選擇您的 USB 可開機磁碟.

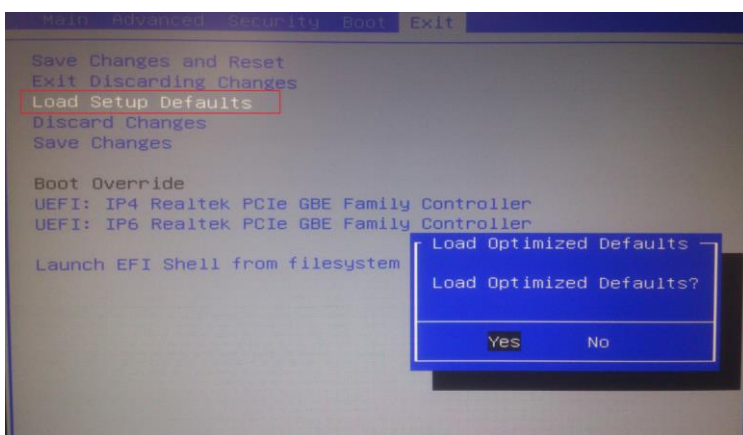


27. 按 F12 以再次進入 DOS 底下輸入“ go3.bat” 更新 EC 流程。



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

29. 選擇 Load Setup Defaults 選擇 Yes 並按下 enter 鍵.



30 選擇 Save Change and Reset 即可儲存設定並重新開機.

備註: **BIOS Flasher** 僅能於技嘉科技筆記型電腦產品上使用，當完成更新 **BIOS** 之後，您可以使用 **BIOS Flasher** 工具還原您的 **USB** 磁碟之原始容量，請點擊 **[Format Your USB Drive]** 按鈕。



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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.