# Windows 8 UEFI BIOS Update (Step-by-Step Guide)

Prepared by MSI NB FAE Team | Version: 1.2 | Date: 2014/06/13

**IMPORTANT!**

Only update your bios if system is unstable, or bug fixes provided correspond to your needs. Flashing the bios incorrectly has risk to brick your system. See to it that the guide will be followed step-by-step.

**Things to prepare:**

- USB Flash Drive
- Laptop/NB system
- NB default power supply
- Internet connection

## Part 1: Creating EFI Bootable Flash Drive

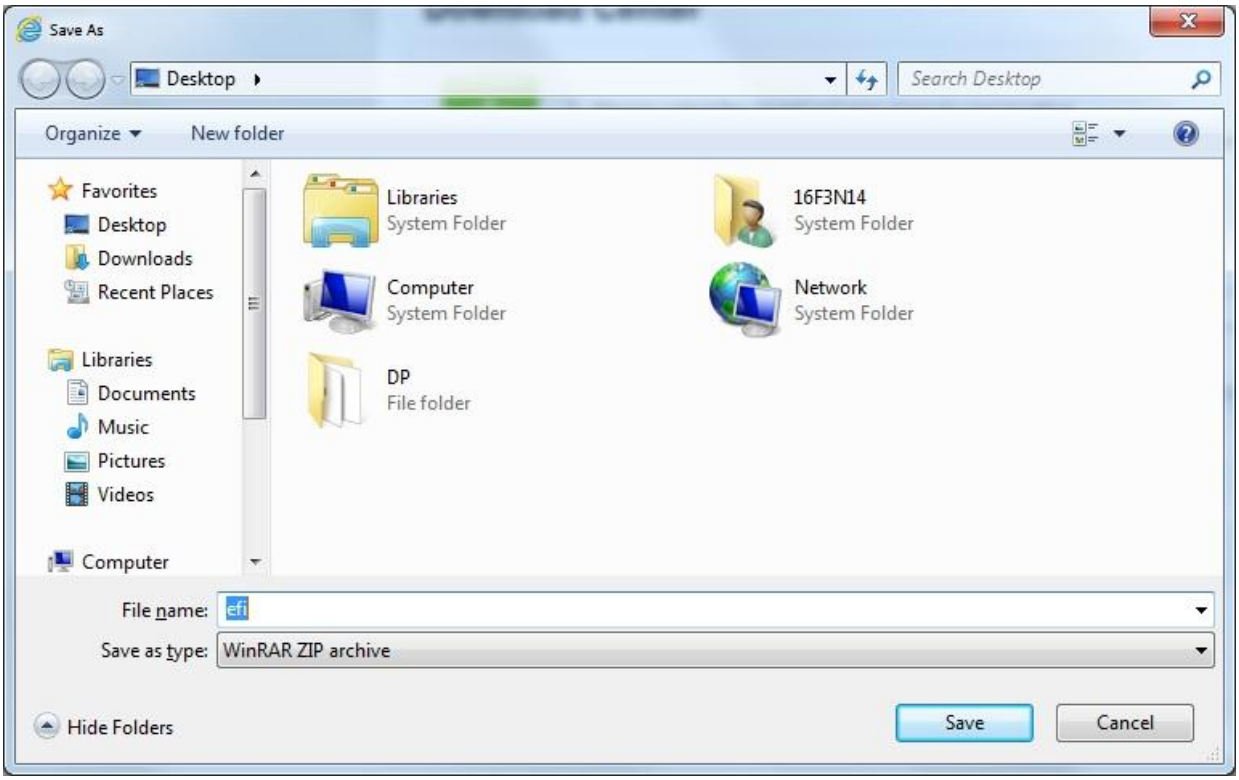
**Procedures:**

1. Connect your USB Thumb Drive to your computer and format it using FAT32.

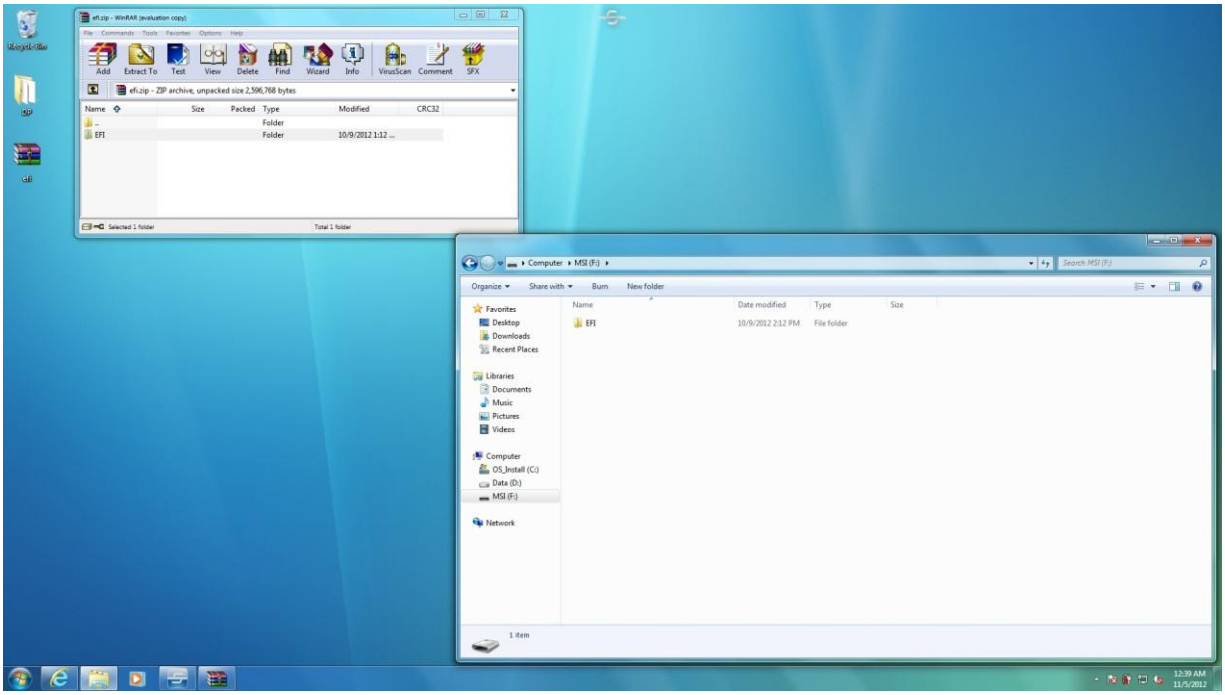
2. Download the file from the link provided below:
   http://download.msi.com/nb_drivers/ap/efi.zip

3. Select “Save as”.

4. Save the file “EFI.ZIP” on your Desktop.



5. Extract the files from EFI.ZIP to the root directory of your USB drive (should be formatted to FAT32).



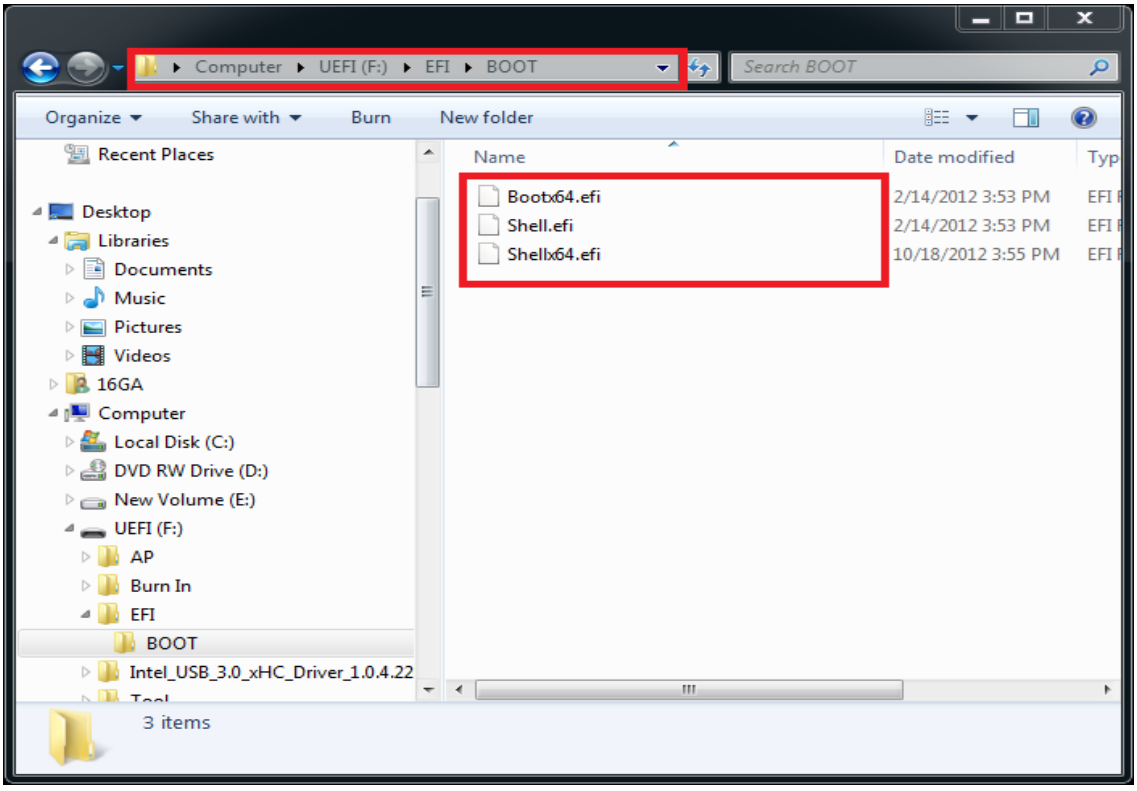
**Note1:** Please place the EFI folder to the correct path, or it will not be bootable correctly.

**Note2:** The following files should be in X:\EFI\BOOT (replace X with the dive letter of your USB drive):

Bootx64.efi

Shellx64.efi

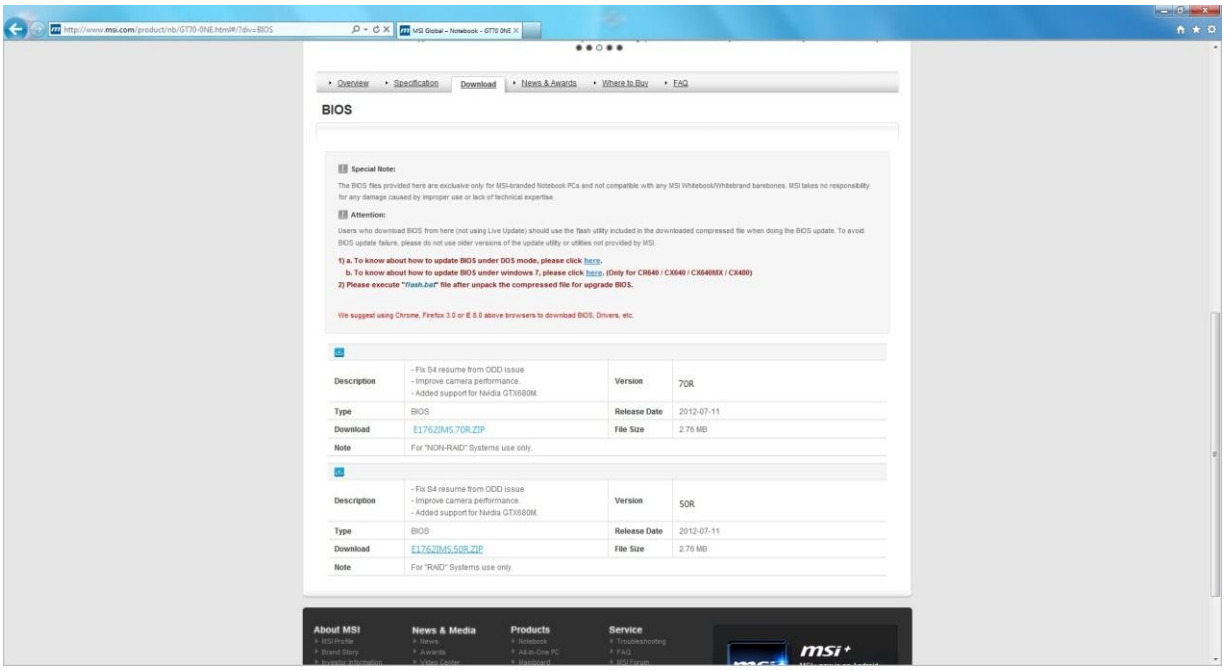
Shell.efi




6. Now you have successfully created a bootable EFI Flash Drive.

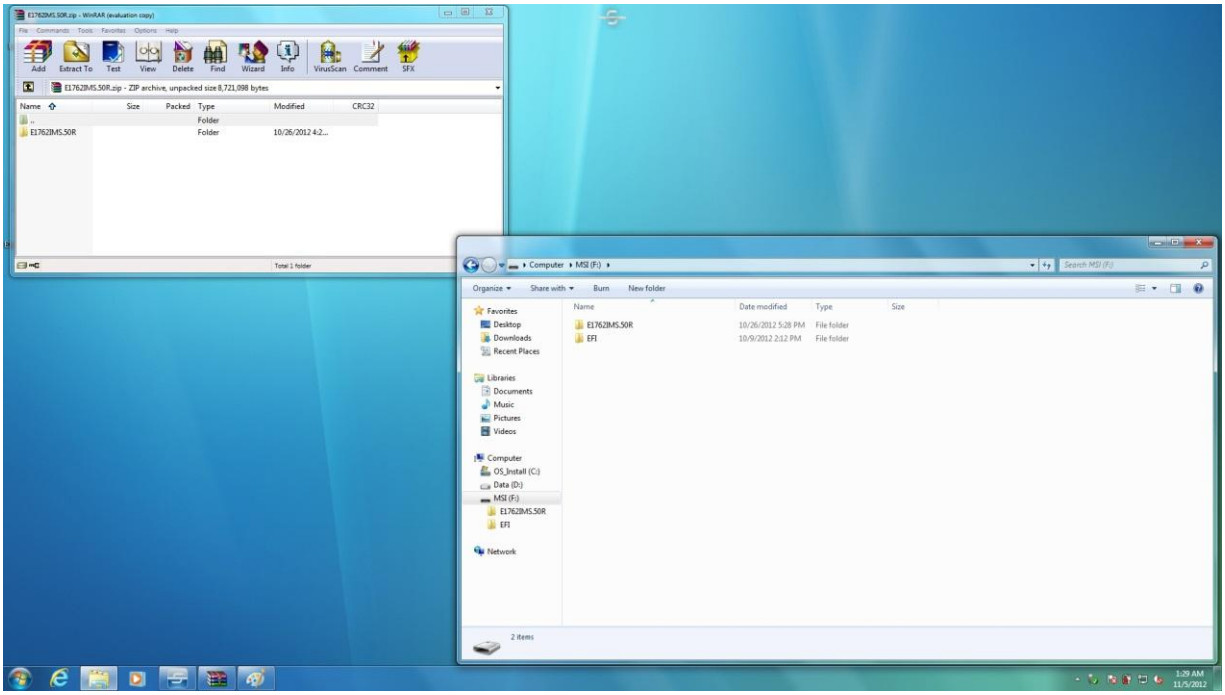
## Part 2: Flashing Win8 UEFI Bios

1. Visit MSI official website and download the corresponding Win8 bios of your system.

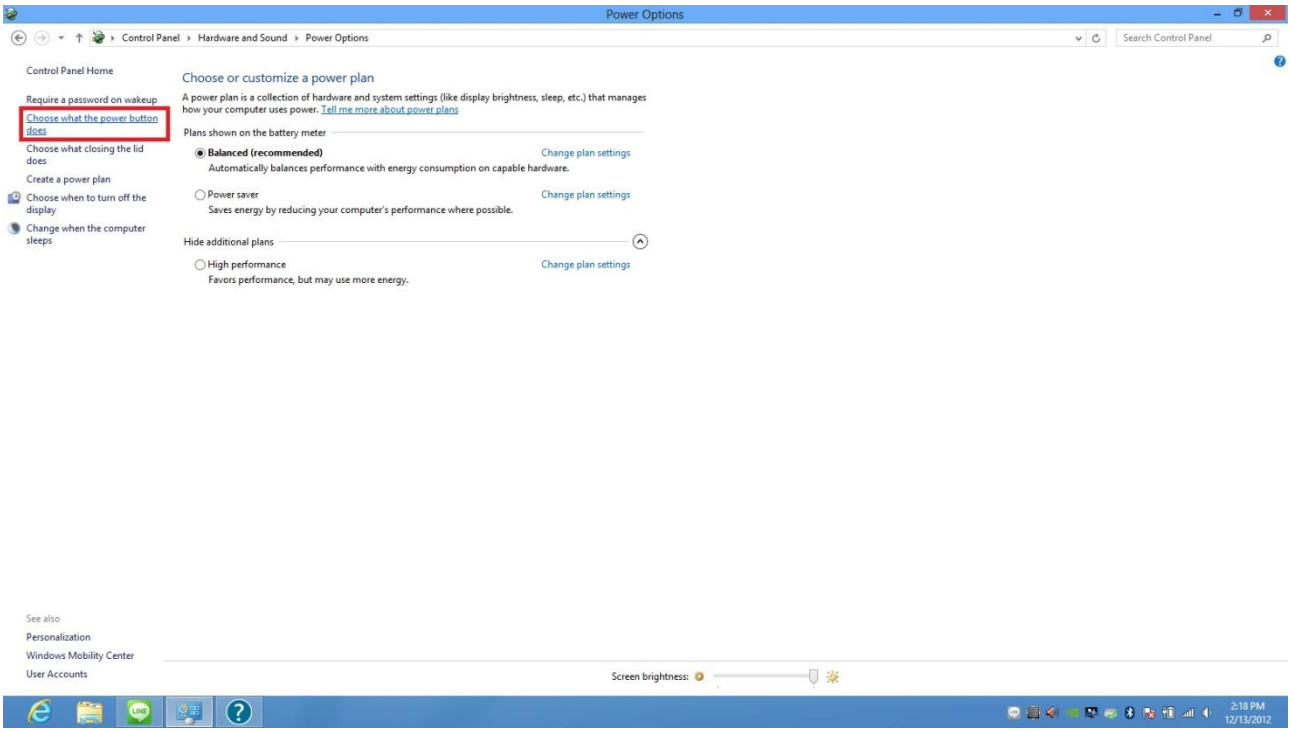



2. Extract the downloaded file to the root directory of your USB drive.

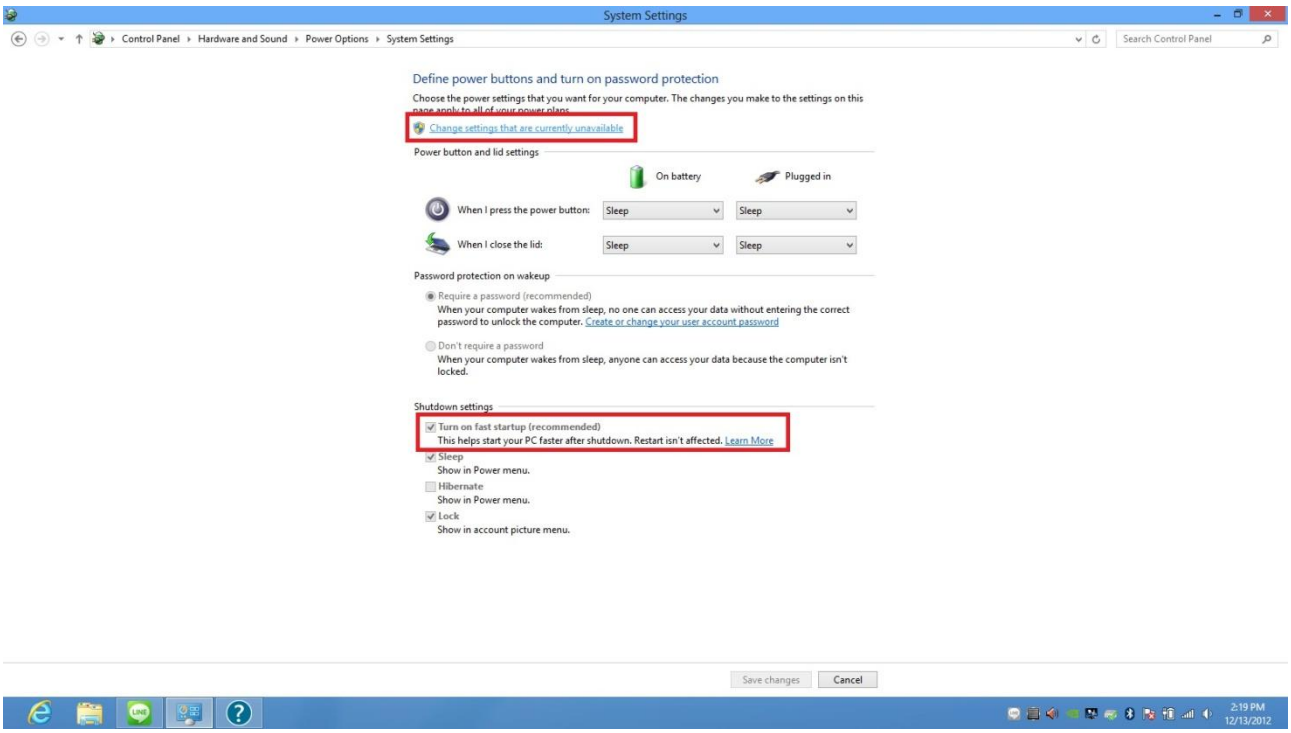
   Note: The USB drive is the same drive used in Part 1.



3. Please go to “Control Panel > Hardware and Sound > Power Options”, and select ”Choose what the power button does”

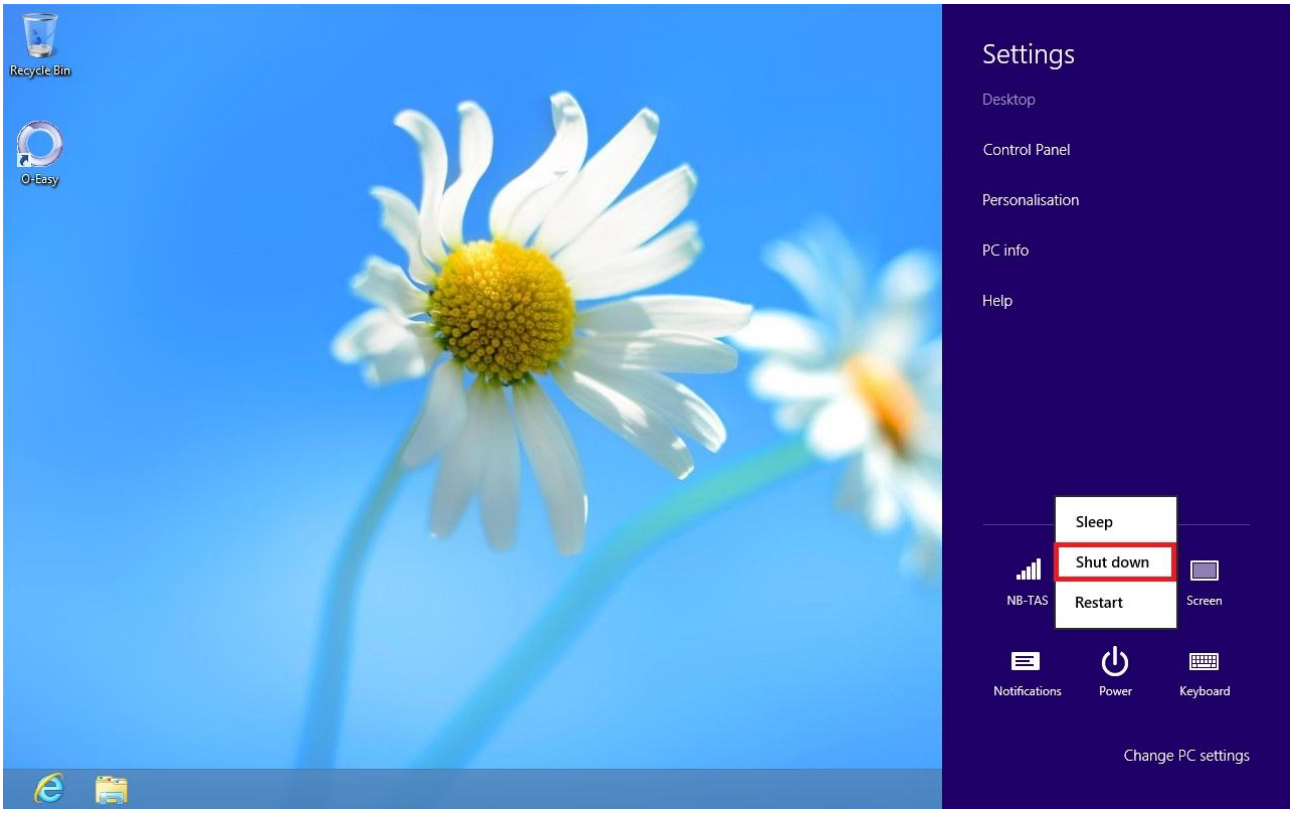



4. Select ”Change settings that are currently unavailable” first, and uncheck “Turn on fast startup (recommended)”. Select “Save changes” to continue.



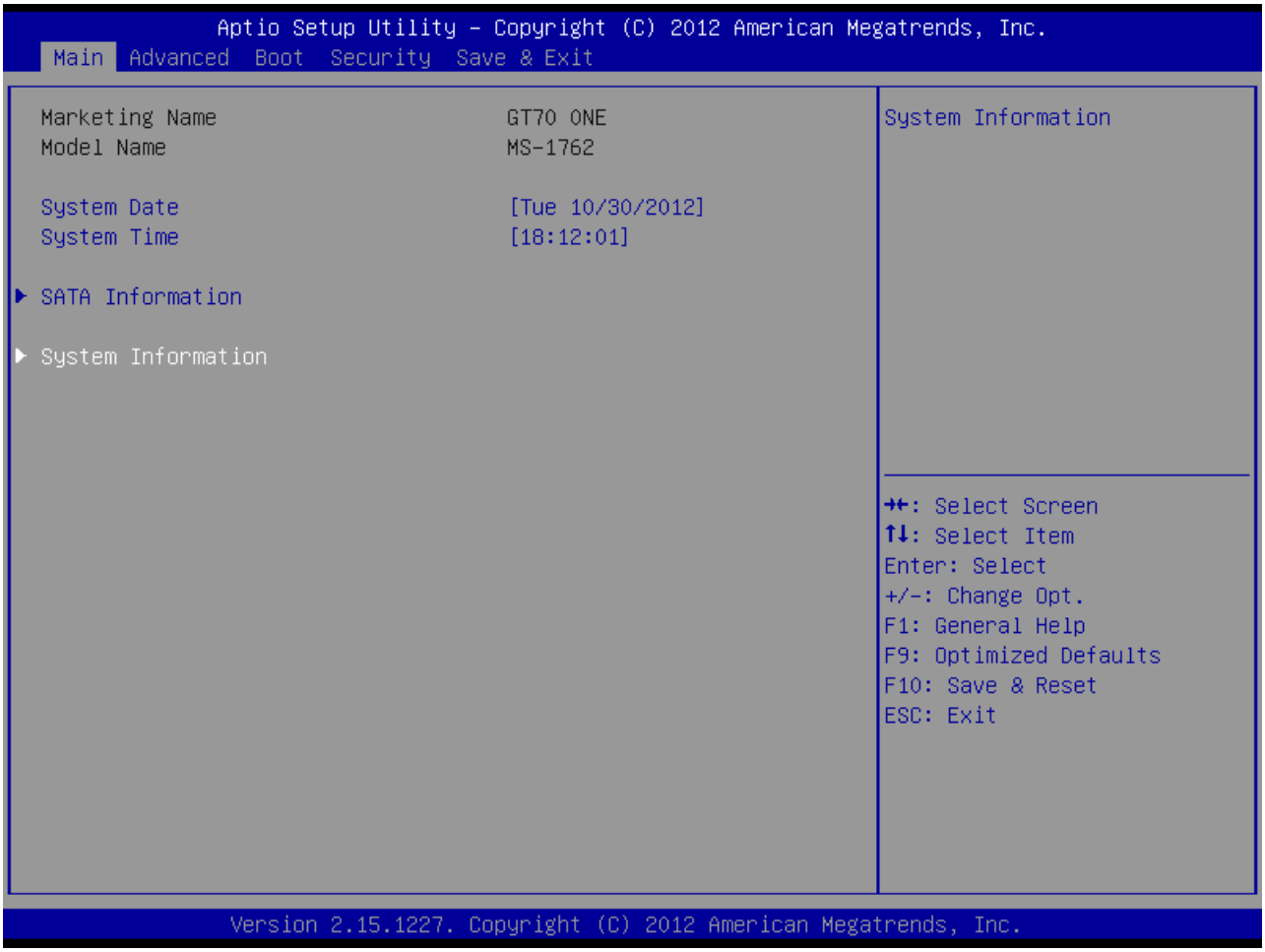

**Note:** If you want to use the fast startup function, you can go back here to check it on again after the BIOS is updated.

5. If above steps are finished, please shut down the system directly.

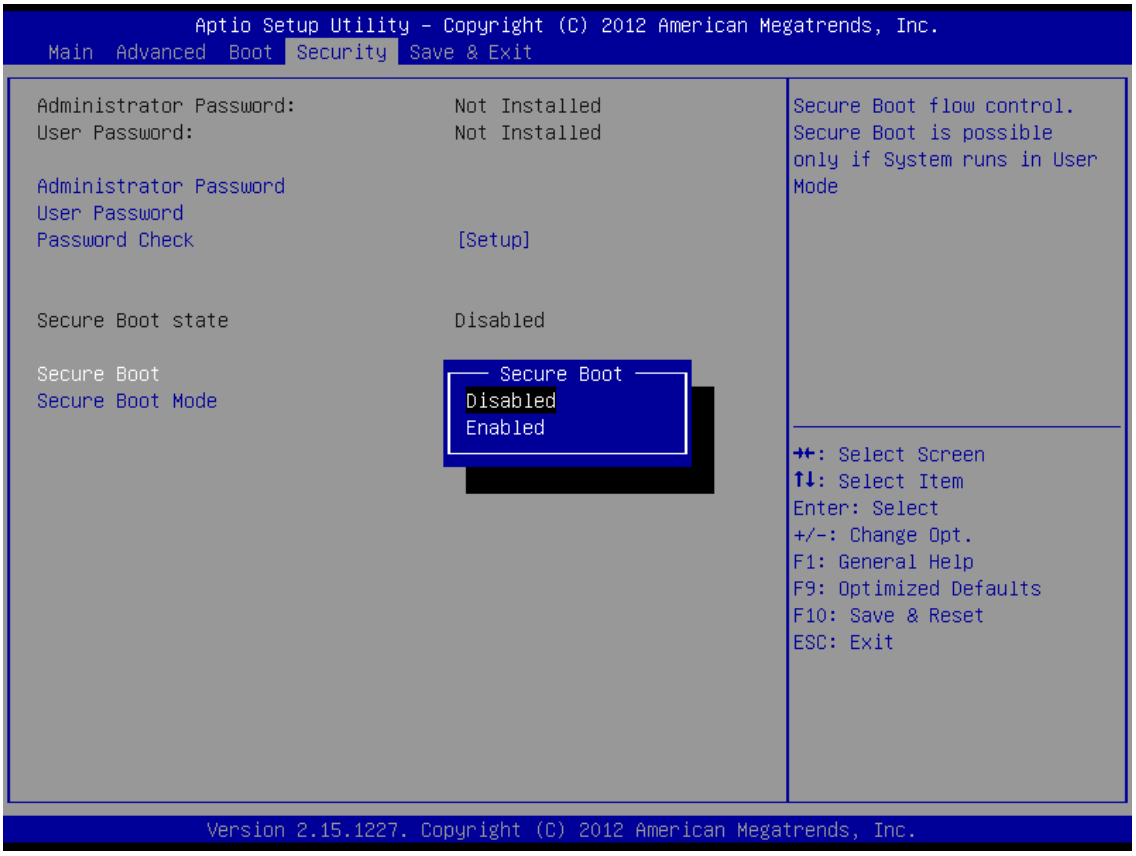



6. Power up your NB by plugging in power adapter. Make sure that NB is running AC power during the entire bios update process.

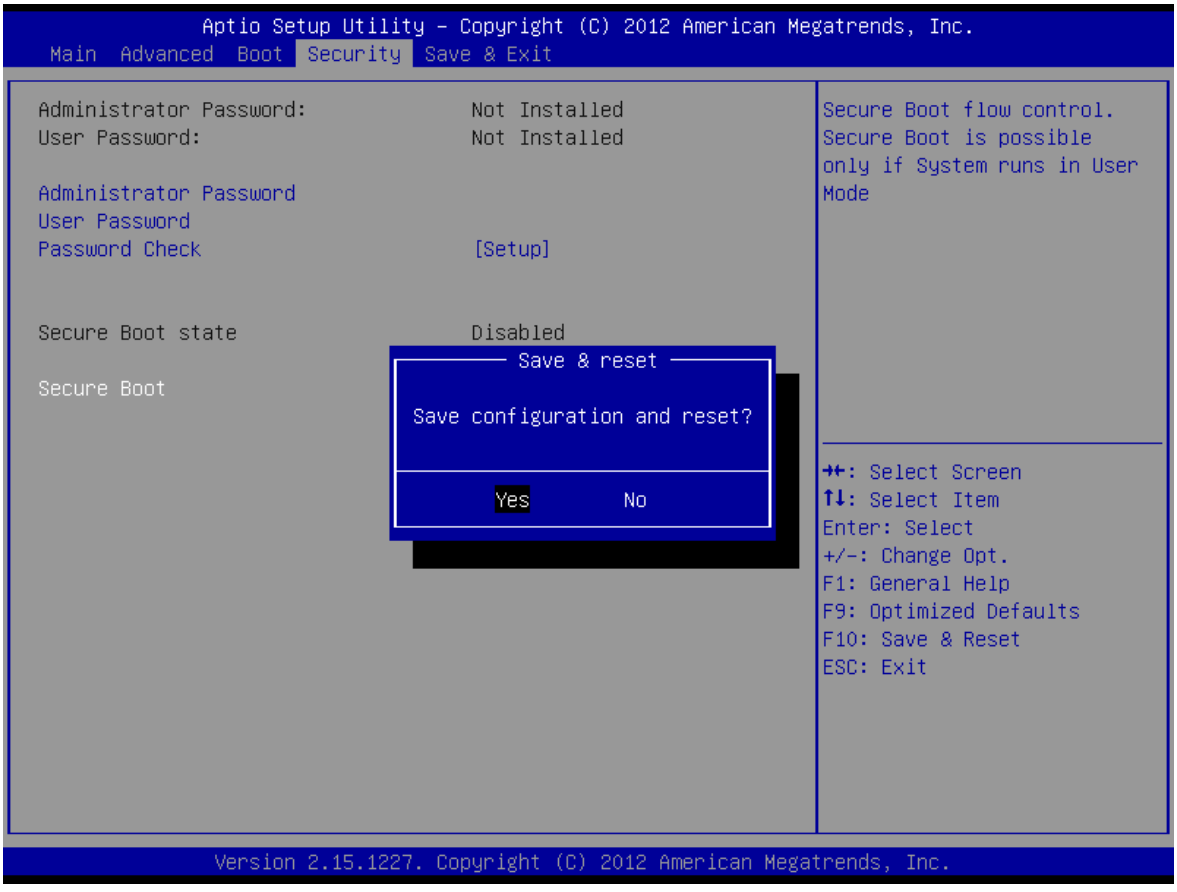
7. Power on NB and continue pressing “DEL” once MSI logo is displayed, until you are prompted to bios screen. See figure below:


Aptio Setup Utility – Copyright (C) 2012 American Megatrends, Inc.
Main Advanced Boot Security Save & Exit
Marketing Name GT70 ONE
Model Name MS-1762
System Date [Tue 10/30/2012]
System Time [18:12:01]
SATA Information
System Information
System Information
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Reset
ESC: Exit
Version 2.15.1227. Copyright (C) 2012 American Megatrends, Inc.

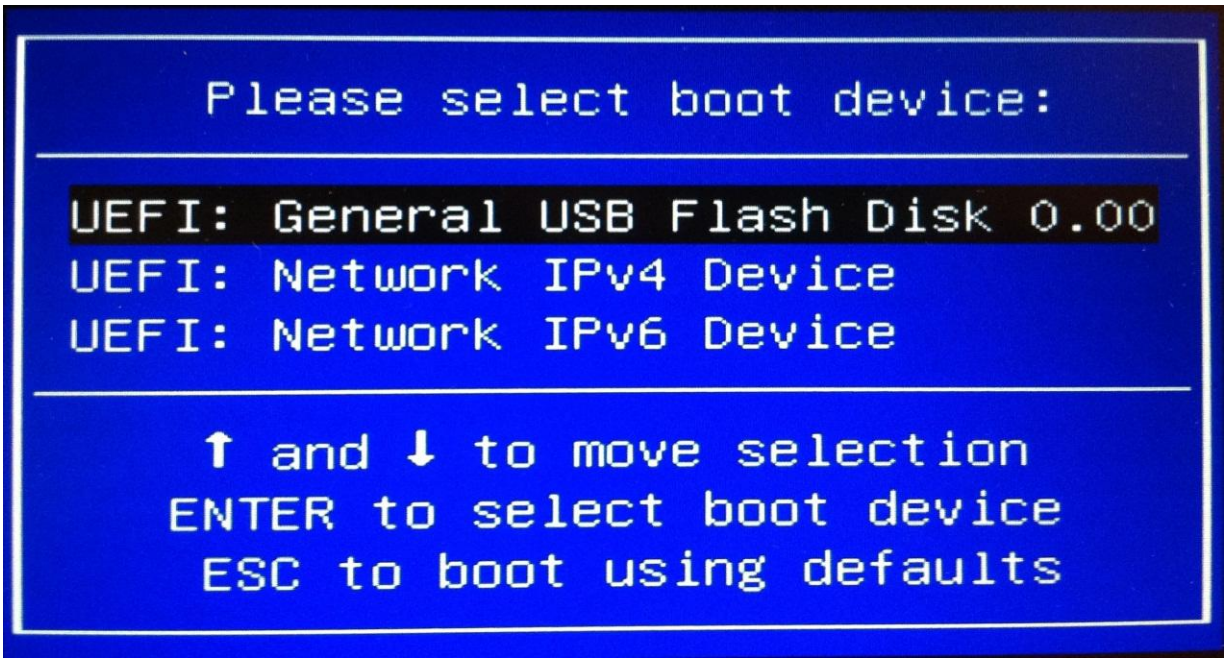
8. Under Security tab, look for the option ”Secure Boot” and set it to ”Disabled”



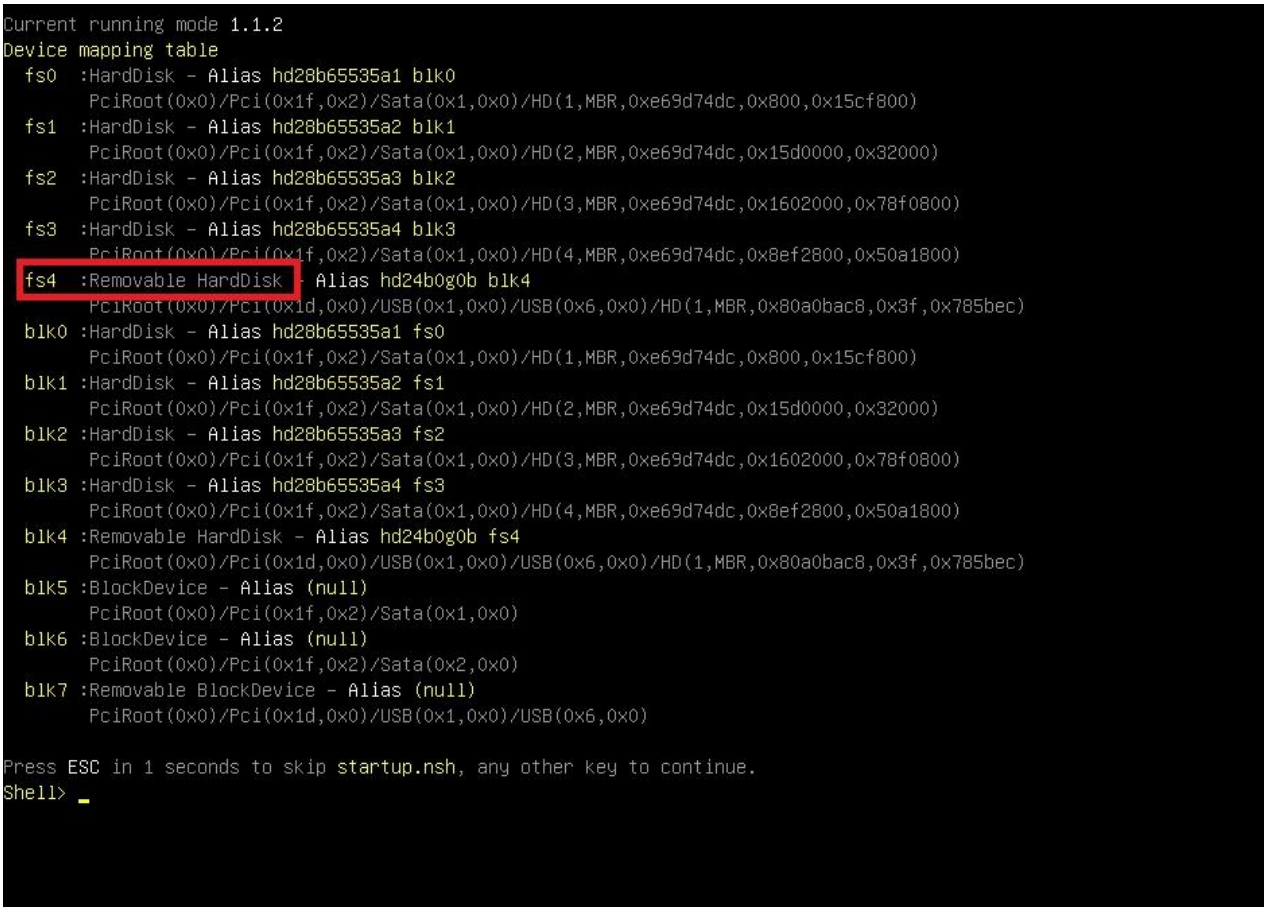

10. Press ”F10” to save and exit.



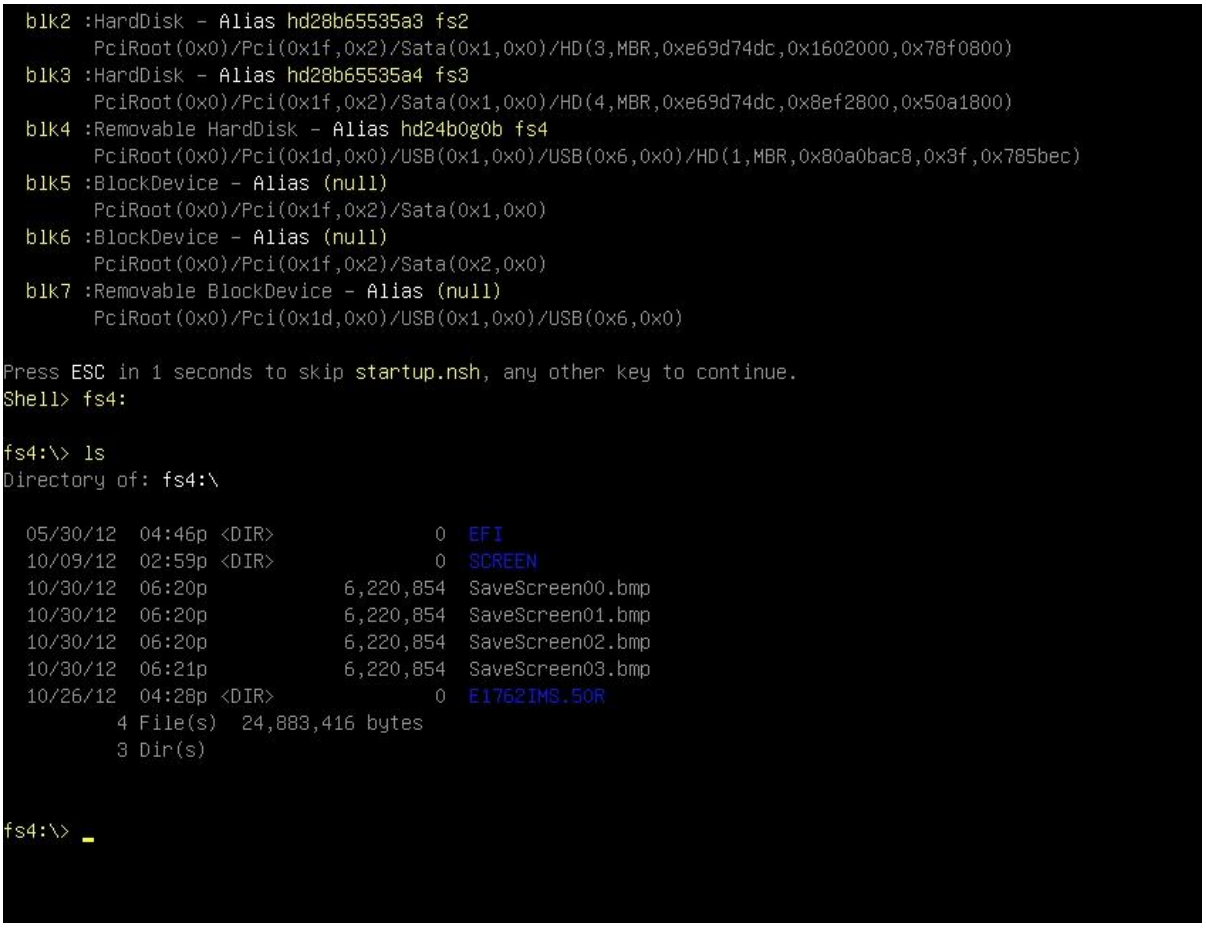
11. After system restarts, press function key “F11” to enter boot device menu. Select your USB device by pressing the arrow up/down key, then press enter.



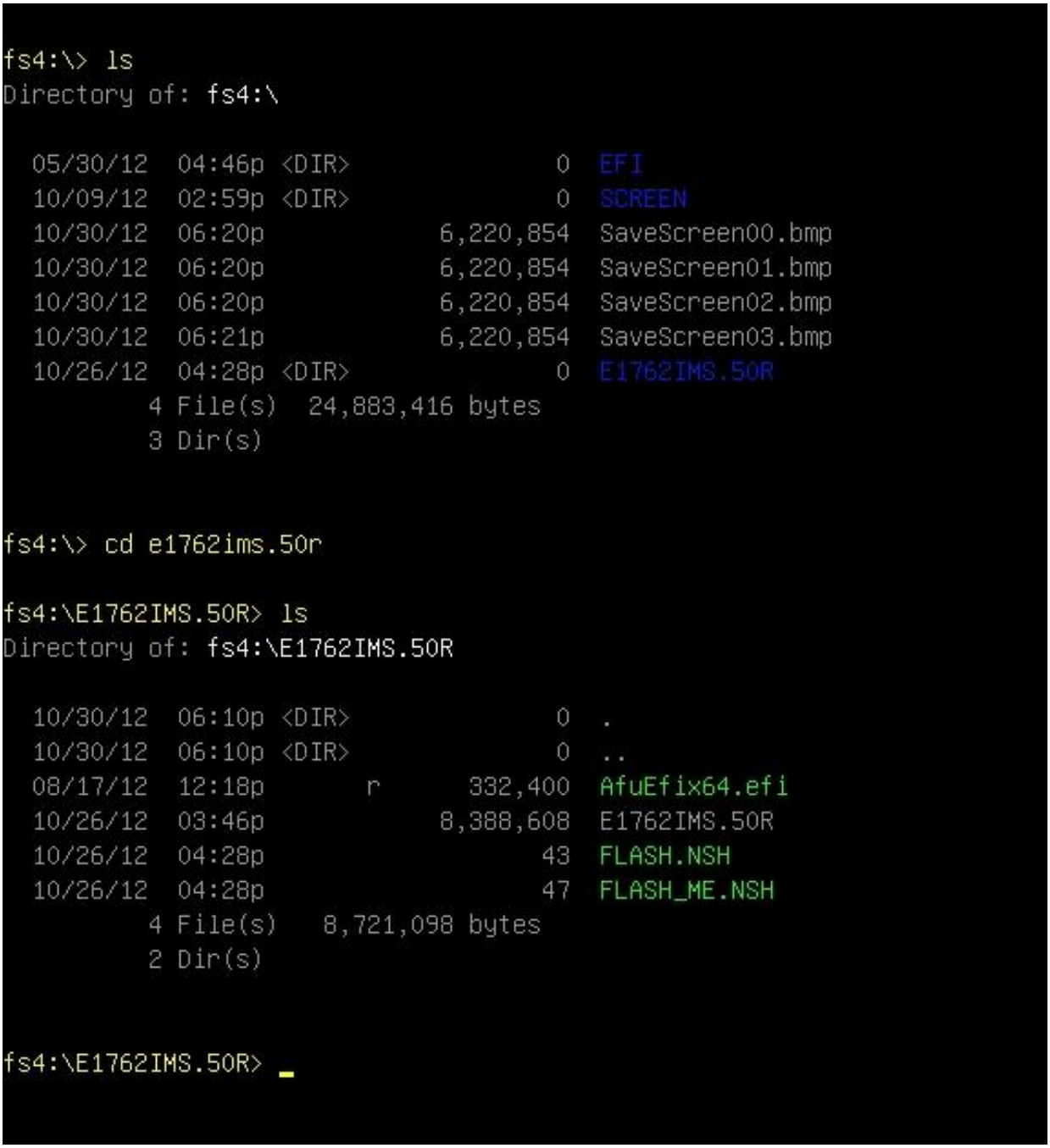

12. As system enters UEFI mode. Look for the location of “Removable HardDisk”. In this case, my usb driver is using ”fs4” as its directory.



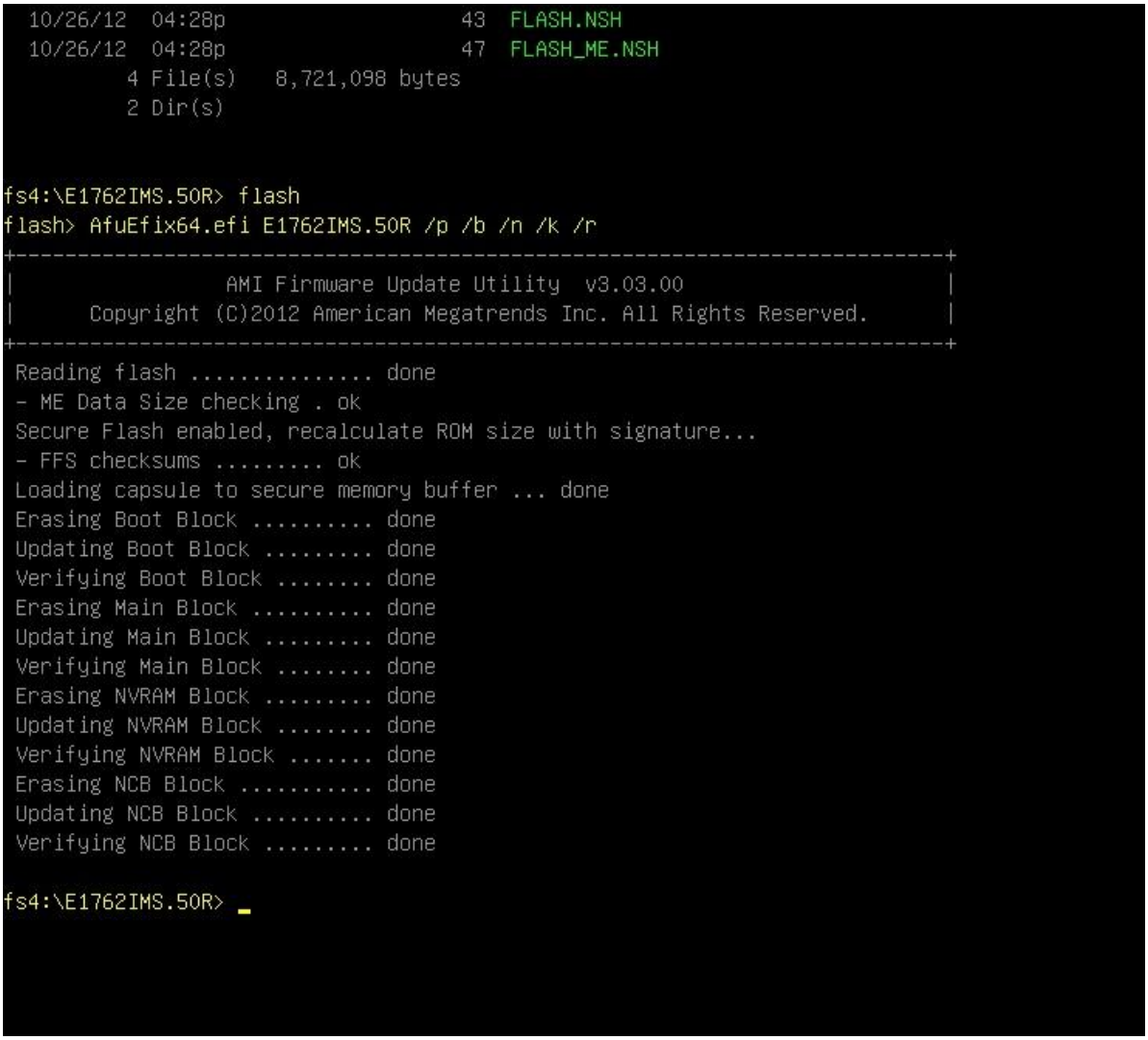

13. Type the command “fs4:” then press enter. Once the command switches to the directory to your USB flash drive, type the command “ls” to show the list of files inside the USB flash drive.




14. Access the contents of the bios folder by typing the command “cd” then the bios foler name. In my case, the folder is named as “E1762IMS.50R”, so I will type the command “cd E1762IMS.50R”. Afterwards, type the command “ls” to view the files inside the bios folder.

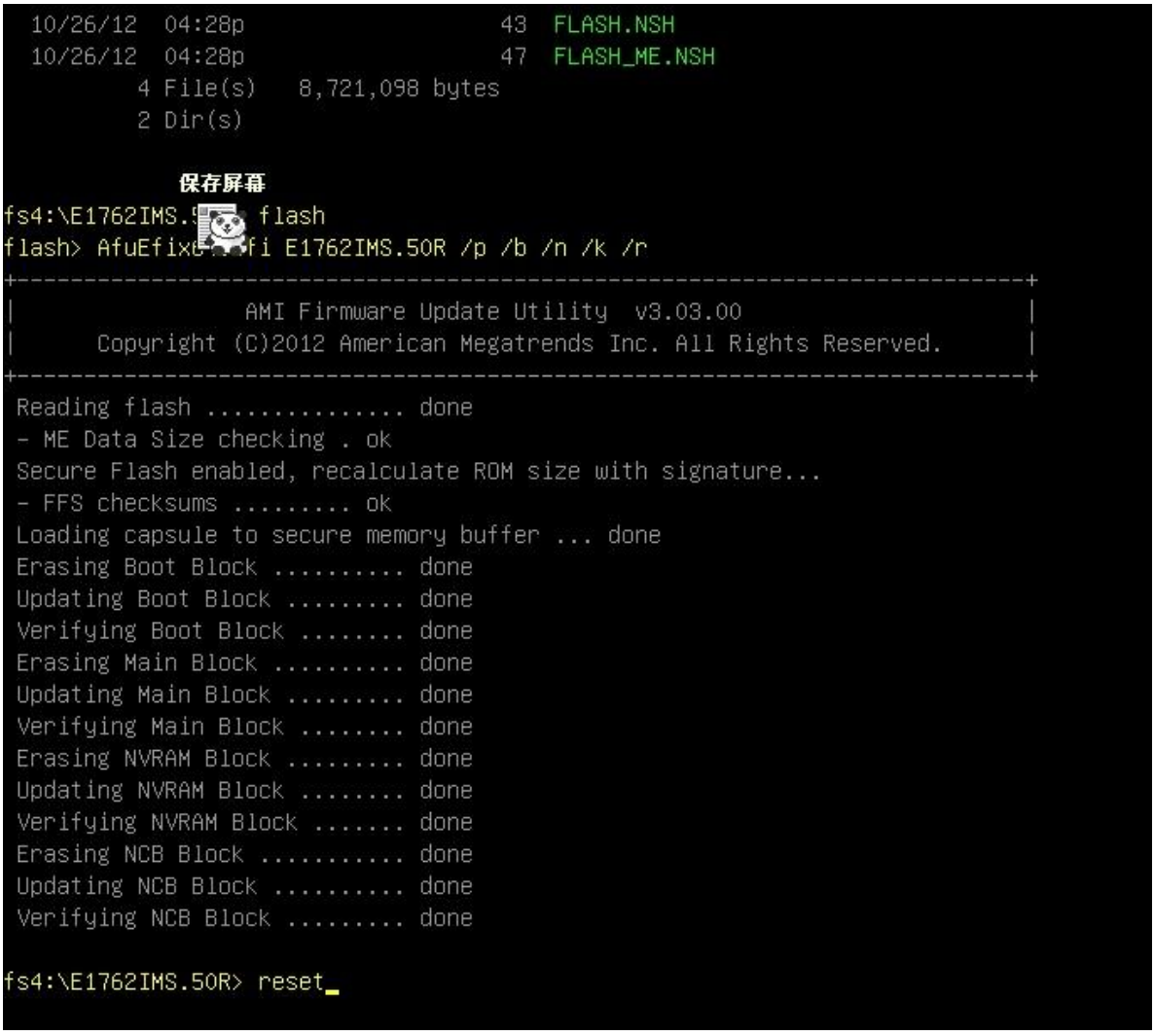



15. Type “flash” to execute bios update.

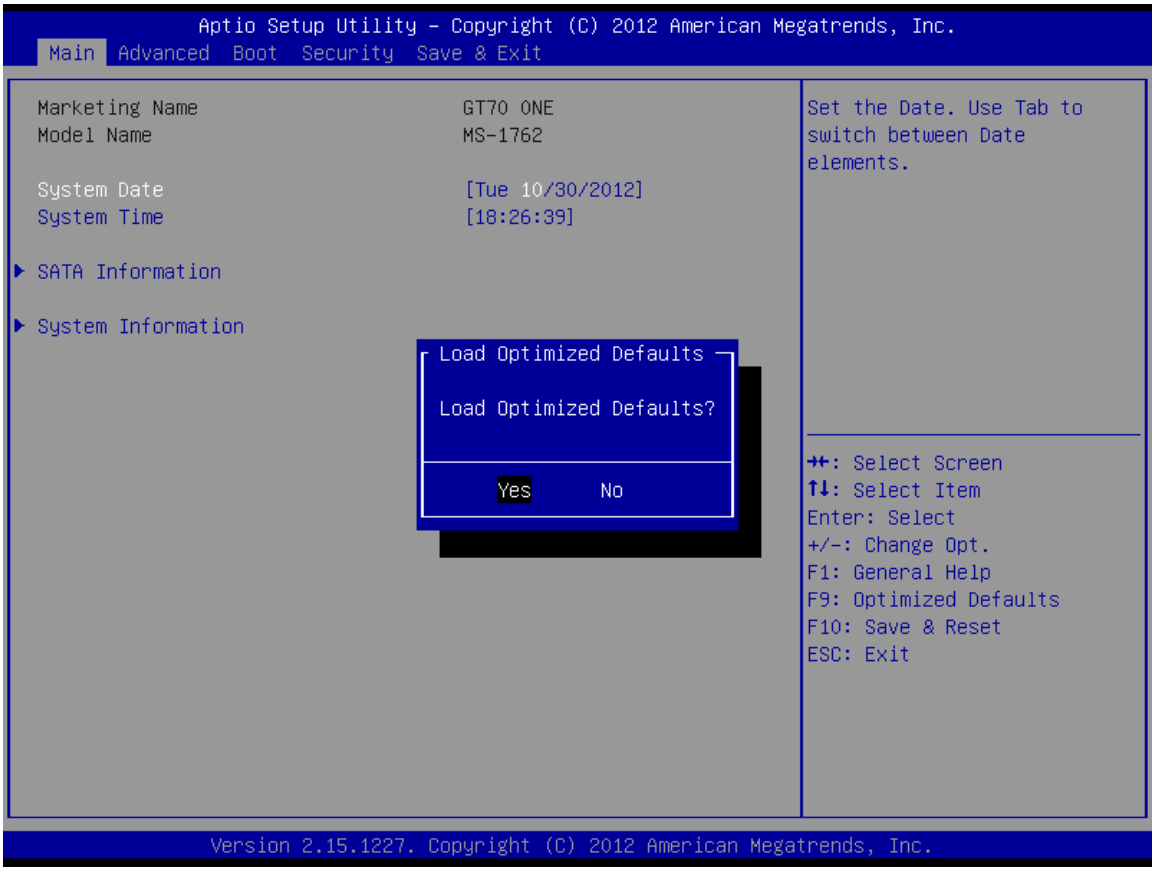


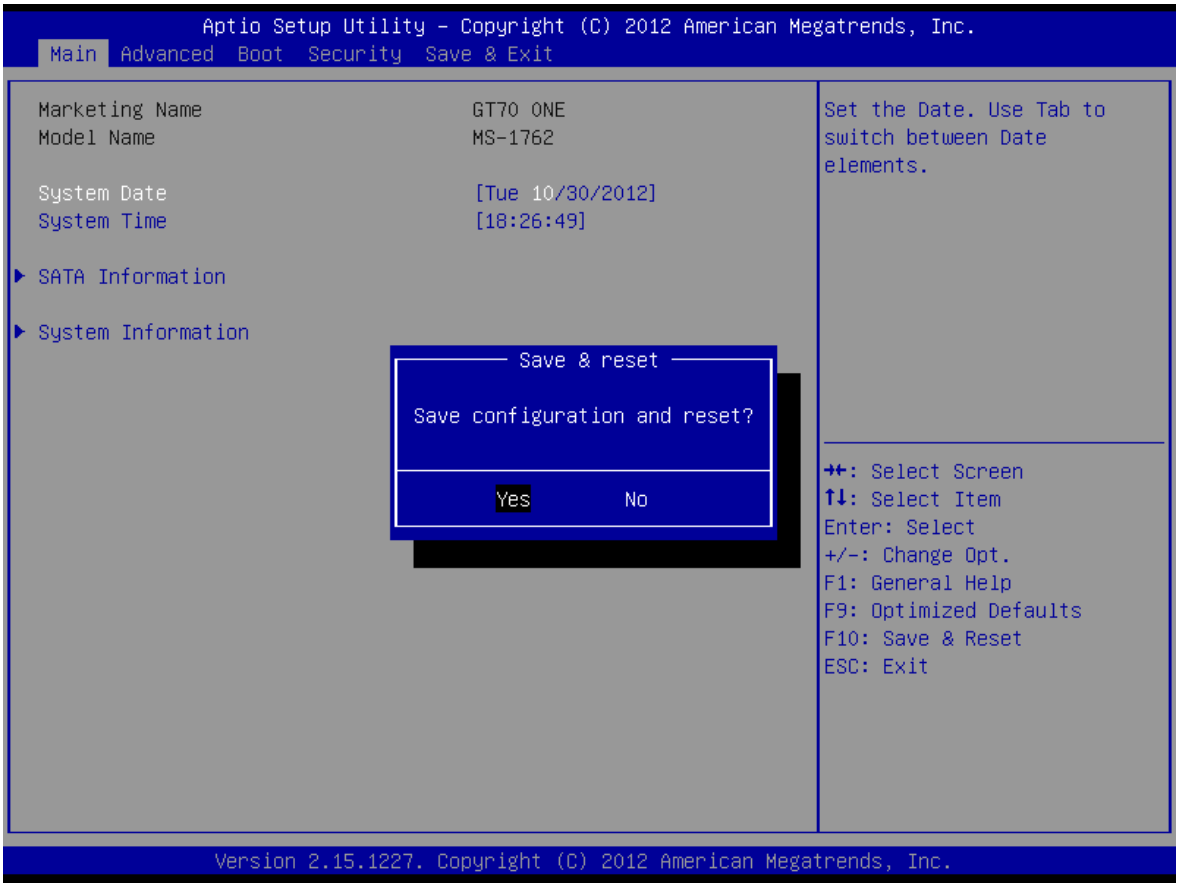

Note: Note: Please maintain the power supply during the updating.

16. Once bios flashing is done, type the command “reset” then press enter.




17. Once system restart and you see bios post logo, press “DEL” to enter bios set-up. Afterwards, press function key ”F9” to load bios optimized defaults. Then followed by pressing function key “F10” to save and exit




Now, your Windows 8 bios has been successfully updated. Enjoy!