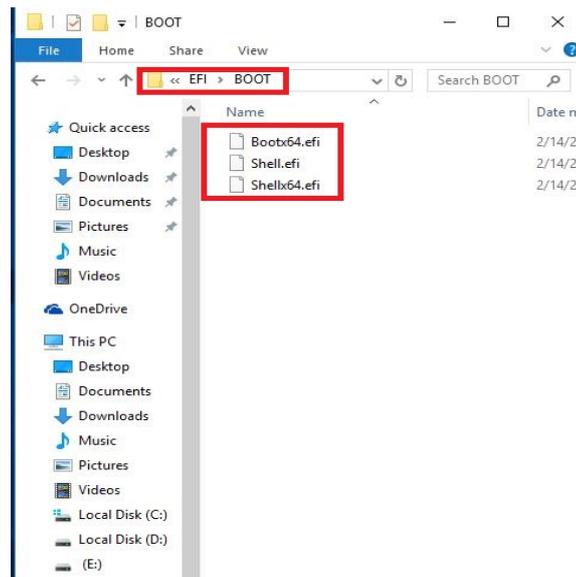


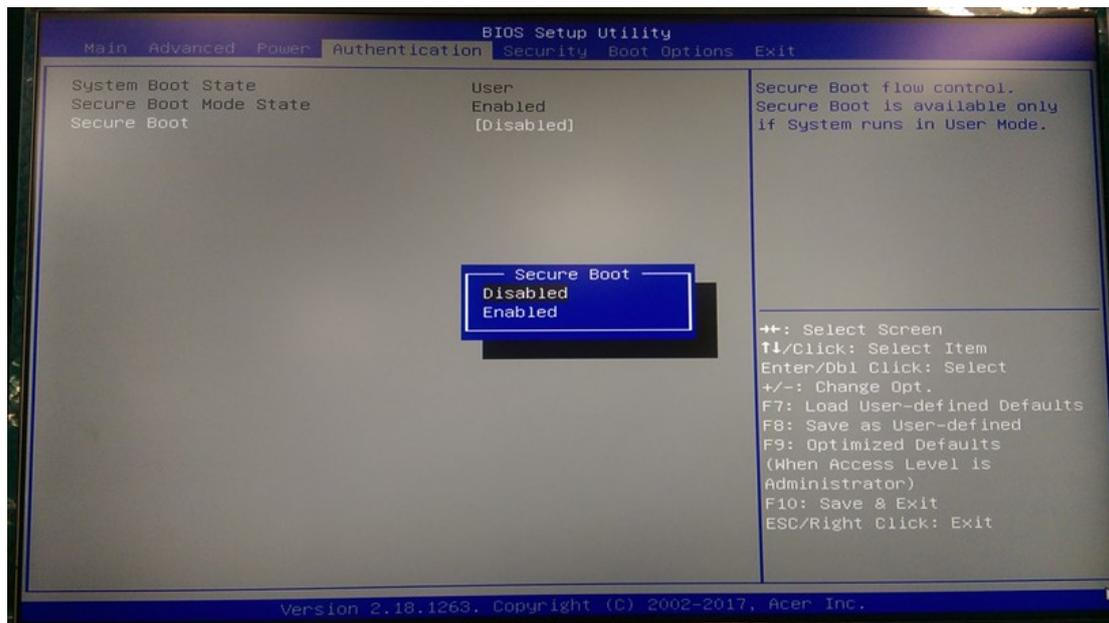
COMMERCEL EFI Flash SOP

v1.8

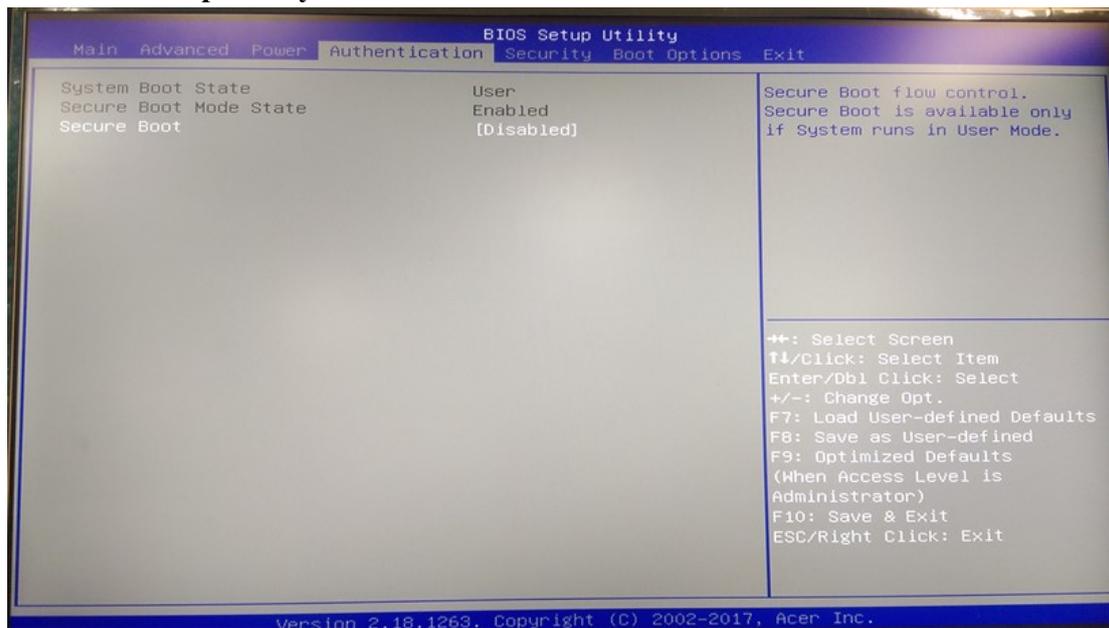
1. Please put the EFI shell relating file to a USB thumbdrive and the file path need to be follow as below. (E:\EFI\BOOT, E: is an example. Please check the path of your USB thumbdrive) –This is for EFI bootable device.



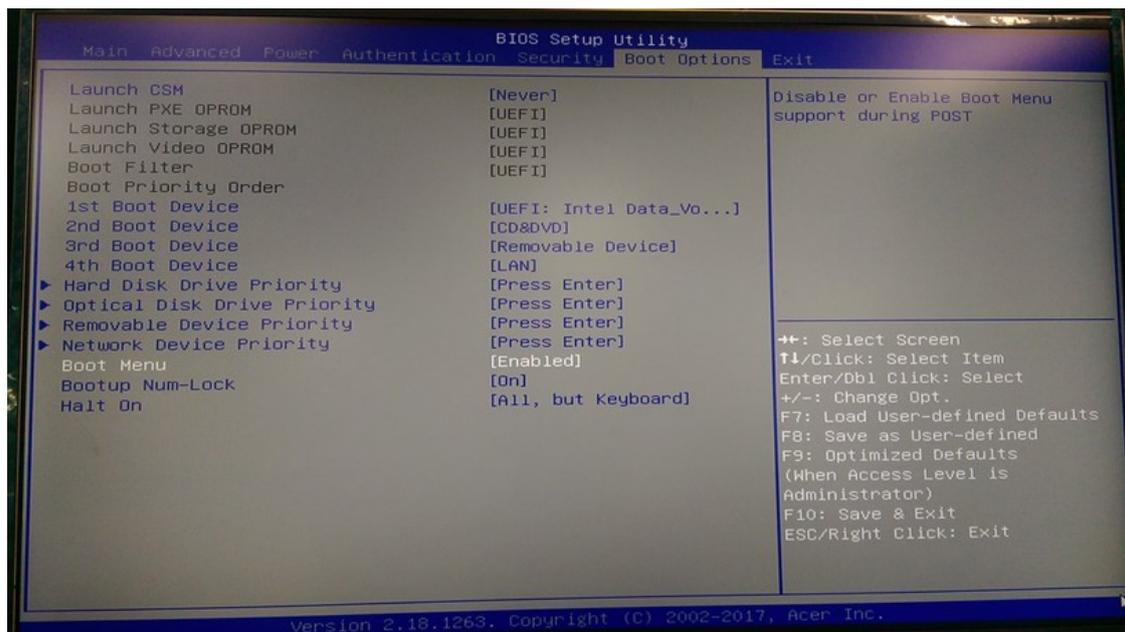
2. Power on the system. When you see the LOGO or hear one short beep, please press “Delete” to enter BIOS Setup Utility.
3. Choose “Authentication” page and select “Secure Boot” to disabled.



4. BIOS Setup Utility will disable “Secure Boot”

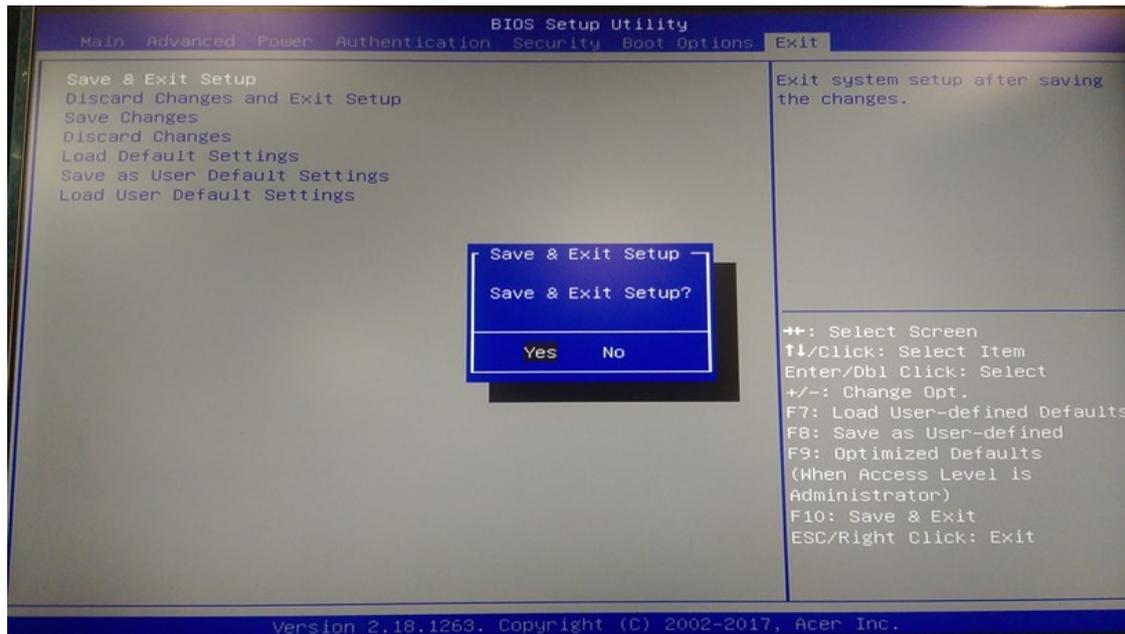


5. Choose “Boot Options” page and select “Boot Menu” to Enabled.



6. Choose “Exit” page and select “Save & Exit Setup” and press “Enter”.

7. Select “Yes” to restart.



8. Press hot key F12 to enter Boot Menu, and select EFI USB thumbdrive.

9. Under the EFI system, and choose the Removable BlockDevice group (the Removable BlockDevice location is dynamic.)

E.g. In this figure, users should key in fs1: in Shell command line.

10. Use Type “CD” “Your package folder name” into EFI folder

```

fs0 :HardDisk - Alias hd10uq32768b2 blk0
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(2,GPT,01F61ABB-E5C4-4B1D-ADE6-6314B
      ES7FF,0xE1800,0x32000)
fs1 :Removable HardDisk - Alias hd7c0b blk1
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)/HD(1,MBR,0x00C5DE22,0x3F,0xE6CFC1)
blk0 :HardDisk - Alias hd10uq32768b2 fs0
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(2,GPT,01F61ABB-E5C4-4B1D-ADE6-6314B
      ES7FF,0xE1800,0x32000)
blk1 :Removable HardDisk - Alias hd7c0b fs1
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)/HD(1,MBR,0x00C5DE22,0x3F,0xE6CFC1)
blk2 :HardDisk - Alias (null)
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(1,GPT,1F70208E-422D-4456-BE6B-07DA
      98E35,0x800,0xE1000)
blk3 :HardDisk - Alias (null)
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(3,GPT,EC00A577-B536-431C-90C7-E902
      DF5B8,0x113800,0x8000)
blk4 :HardDisk - Alias (null)
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(4,GPT,F55179DB-1C9C-4900-AFB0-DC87
      5CF61,0x11B800,0x3A26964F)
blk5 :BlockDevice - Alias (null)
      PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)
blk6 :Removable BlockDevice - Alias (null)
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)

Press ESC in 4 seconds to skip startup.nsh, any other key to continue.
Shell> fs1:

fs1:\> cd Service\EFI
fs1:\Service\EFI> _

```

11. Type flash.nsh, and use it to flash the ROMs.

```
fs0 :Removable HardDisk - Alias hd10uq32768b2 fs0
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(2,GPT,01F61ABB-E5C4-4B1D-ADE6-E57FF,0xE1800,0x32000)
fs1 :Removable HardDisk - Alias hd7c0b blk1
    PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)/HD(1,MBR,0x00C5DE22,0x3F,0xE6CFC1)
blk0 :HardDisk - Alias hd10uq32768b2 fs0
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(2,GPT,01F61ABB-E5C4-4B1D-ADE6-E57FF,0xE1800,0x32000)
blk1 :Removable HardDisk - Alias hd7c0b fs1
    PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)/HD(1,MBR,0x00C5DE22,0x3F,0xE6CFC1)
blk2 :HardDisk - Alias (null)
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(1,GPT,1F70208E-422D-4456-BE6B-0A8E35,0x800,0xE1000)
blk3 :HardDisk - Alias (null)
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(3,GPT,EC00A577-B536-431C-90C7-0DF6B8,0x113800,0x8000)
blk4 :HardDisk - Alias (null)
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)/HD(4,GPT,F55179DB-1C9C-4900-AFB0-05CF61,0x11B800,0x3A26964F)
blk5 :BlockDevice - Alias (null)
    PciRoot(0x0)/Pci(0x17,0x0)/Sata(0x204,0x8000,0x1)
blk6 :Removable BlockDevice - Alias (null)
    PciRoot(0x0)/Pci(0x14,0x0)/USB(0x2,0x0)

Press ESC in 4 seconds to skip startup.nsh, any other key to continue.
Shell> fs1:

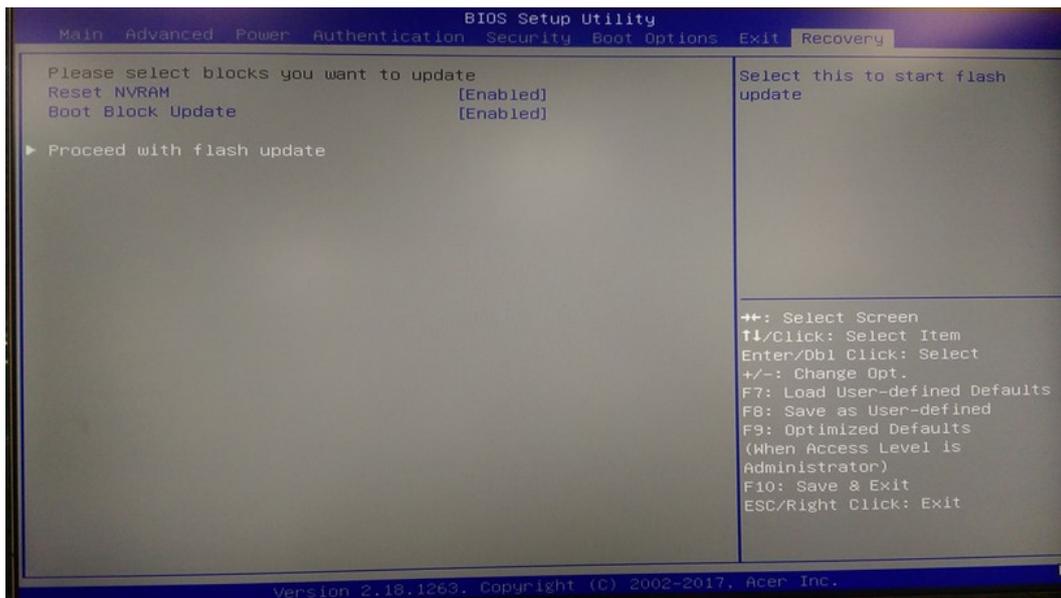
fs1:\> cd Service\EFI
fs1:\Service\EFI> FLASH.nsh
```

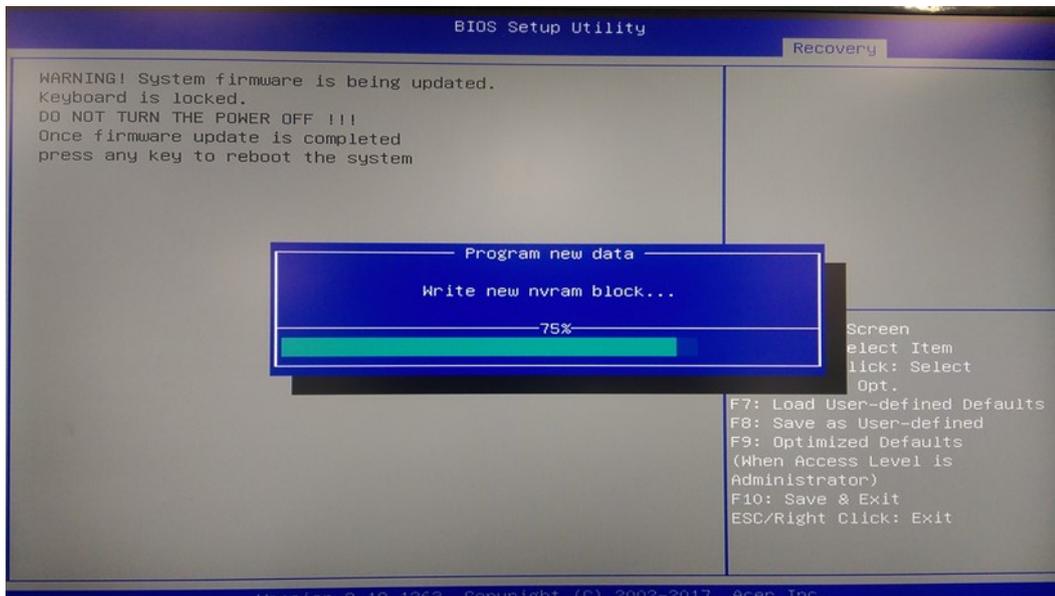
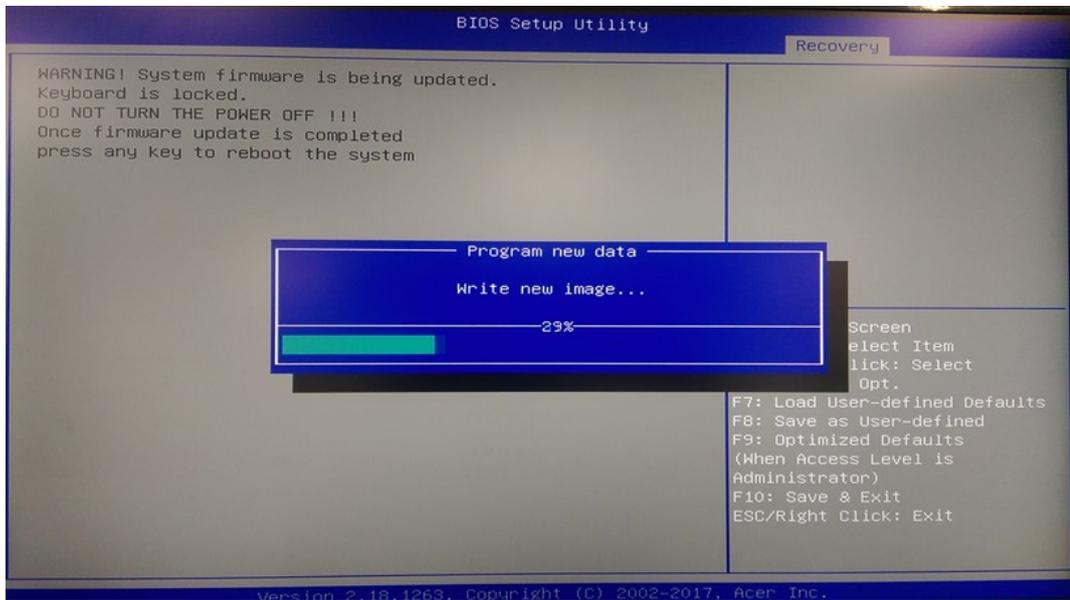
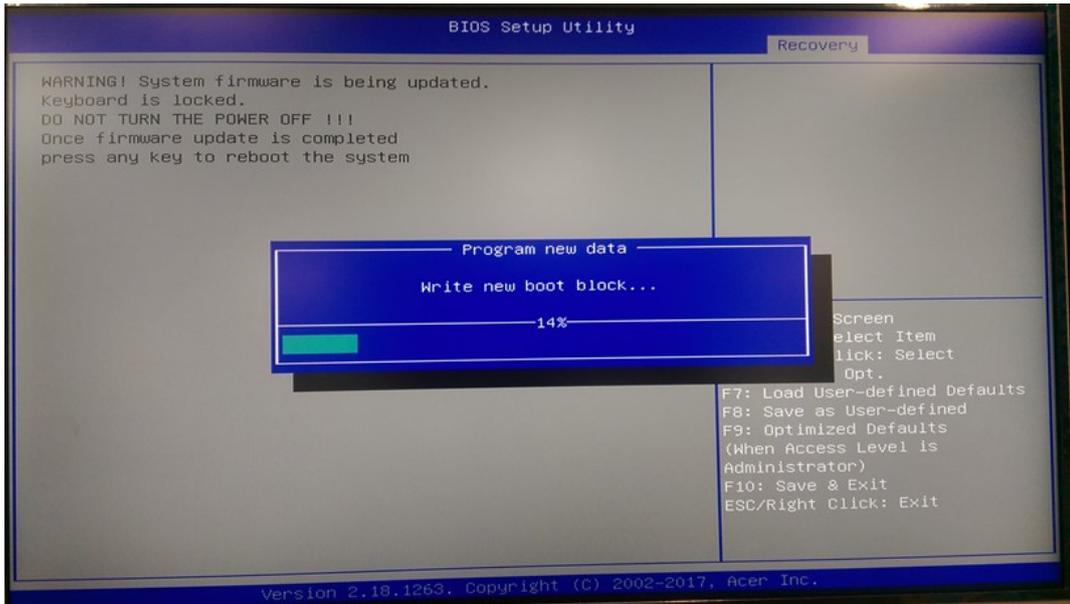
12. Wait Afu Tools load BIOS, key in “Y” then Auto Power off

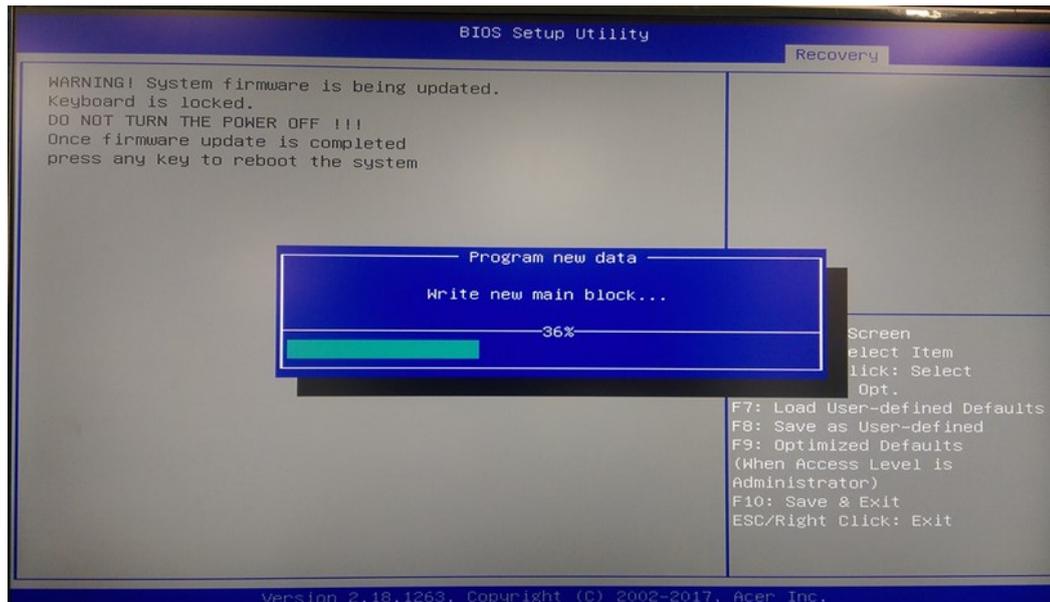
```
-----+
|                AMI Firmware Update Utility v5.10.01.1670                |
|                Copyright (C)2018 American Megatrends Inc. All Rights Reserved.                |
|-----+-----+
Reading flash ..... done
- FFS checksums ..... ok
- Check RomLayout ..... Ok.
- Preserve BIOS Setup Config..... Enable.
Loading capsule to secure memory buffer ... done
Input the ME Local data into the BIOS ..... done
System is going to shut down, are you ready? (Y/N)...
```

13. System Auto Power on into BIOS “Recovery”

14. Start recovery automatically.







Wait it completed.

15. The system will auto reboot and then enter to OS.