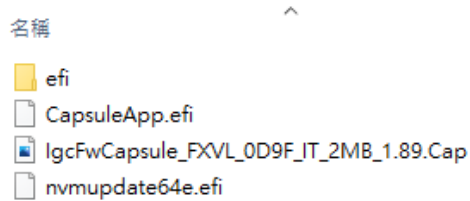


Update I225 LAN NVM by capsule

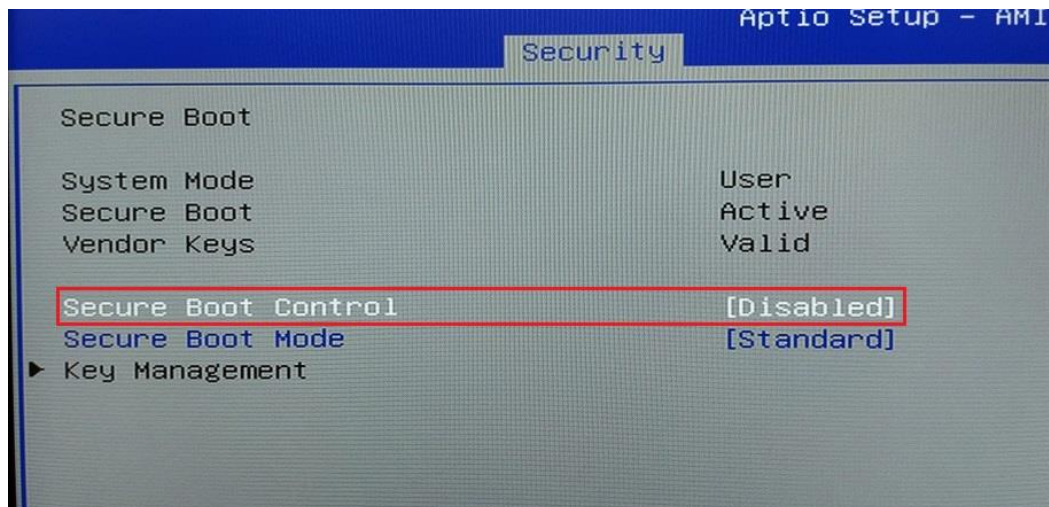
How to update NVM by capsule from UEFI Shell

Step 1: Prepare a bootable USB dongle with FAT32 format.

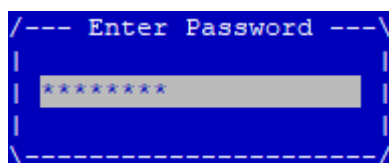
Step 2: Un-zip “Foxville_NVM_1.89_CapsuleUpdate.zip” then copy all files under root directory of the USB key. (Like the following)



Step 3: Power on system, press [Esc] or [Delete] key to enter BIOS menu, go to Security->Secure Boot page, set [Secure Boot Control] to [Disabled] then save to Exit.



Note: Start from 0.15.10 BIOS, default administrator password is set as **Service Tag+**



Step 4: Reboot system and boot to USB Shell Key,
run "**nvmupdate64e.efi -i -l**" to check current NVM version(show in brackets).

If NVM version is older than **1.89**, please continue the following update.
(If NVM version is **1.89** or newer then no update is required)

```
Revision : 3
LAN MAC : 00A0C9000000
Alt MAC : 000000000000
SAN MAC : 000000000000
ETrackId : 800002F5
SerialNumber : 00A0C9FFFF000000
NVM Version : 1.137(1.89)
PBA : G23456-000
VPD status : Not set
VPD size : 0
NVM update : No config file entry
checksum : Valid
OROM update : No config file entry
CIVD : 0.0.0
PXE : 0.4.9, checksum Valid
EFI : 0.1.4, checksum None
0:\Foxville_NVM_1.89_CapsuleUpdate\> _
```

Step 5: Run below shell command sequentially to run update.

- > fs0:
- > cd Foxville_NVM_1.89_CapsuleUpdate
- > CapsuleApp.efi IgcFwCapsule_FXVL_0D9F_IT_2MB_1.89.Cap

```
UEFI Interactive Shell v2.2
EDK II
UEFI v2.70 (American Megatrends, 0x00050013)
Mapping table
FS0: Alias(s):HD0a0b0b;BLK1:
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x0,0x0)/USB(0x1,0x0)/HD(1,MBR,0x5222D1
94,0xE0,0x38F5720)
BLK0: Alias(s):
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x0,0x0)/USB(0x1,0x0)
Press ESC in 4 seconds to skip startup.nsh or any other key to continue.
Shell>
Shell> fs0:
FS0:\> cd Foxville_NVM_1.89_CapsuleUpdate
FS0:\Foxville_NVM_1.89_CapsuleUpdate\> CapsuleApp.efi IgcFwCapsule_FXVL_0D9F_IT_
2MB_1.89.Cap_
```

Step 6: System will restart then start flashing NVM FW, waiting for flash complete then system will restart automatically.



Step 7: Please remove power cable and wait few seconds after the update.

Step 8: Power on system and boot to USB key Shell, run "nvmupdate64e.efi -i -l" to check NVM version is 1.89.

```
Revision : 3
LAN MAC : 00A0C9000000
Alt MAC : 000000000000
SAN MAC : 000000000000
ETrackId : 800002F5
SerialNumber : 00A0C9FFFF000000
NVM Version : 1.137(1.89)
PBA : G23456-000
VPD status : Not set
VPD size : 0
NVM update : No config file entry
checksum : Valid
OROM update : No config file entry
CIVD : 0.0.0
PXE : 0.4.9, checksum Valid
EFI : 0.1.4, checksum None
0:\Foxville_NVM_1.89_CapsuleUpdate\> _
```