Neousys Technology Inc.

BIOS update manual

Published Apr. 6th, 2017

The Following Steps can help you to update BIOS.
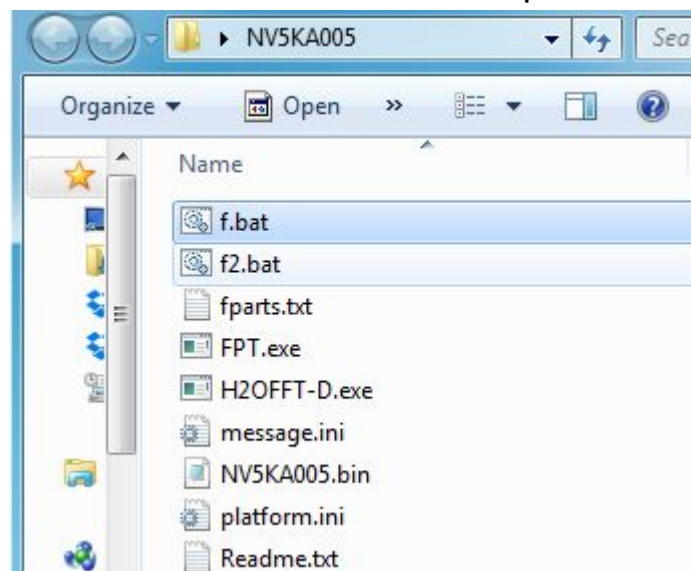Below shows *Nuvo-5000 series BIOS update* as an example.

DOC Environment
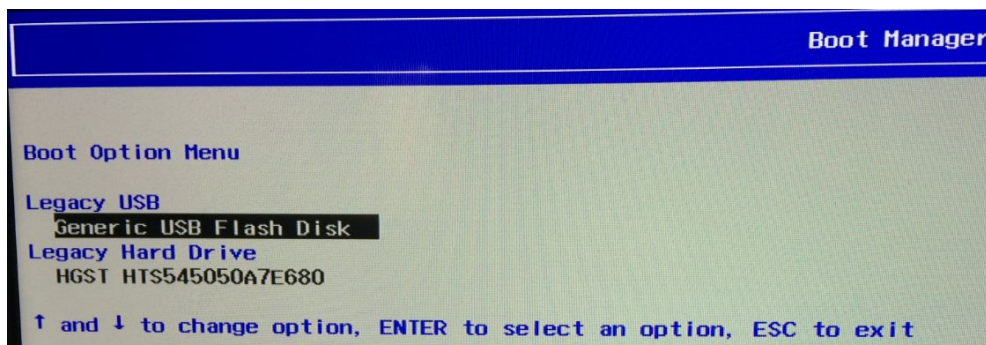Please prepare a bootable DOS USB drive before starting your installation process.

Step 1-1: Please download BIOS files from above link.
Step 1-2: Create NV5KA005 folder including fparts.txt, Readme.txt, H2OFFT-D.exe, FPT.exe, NV5KA005.bin,f.bat, f2.bat,message.ini and platform.ini to the bootable DOS USB drive.
Below shows NV5KA005 folder as an example.

Step 2: Plug your USB drive into the USB port of Nuvo-5000 series, then power on the computer and press F12 to select USB drive as the booting device

Step 3-1: Please key in 'cd NV5KA005' to switch to the folder after entering the DOS environment.

Step 3-2: Please key in 'f' to execute update.

```
Microsoft(R) Windows 98
   (C)Copyright Microsoft Corp 1981-1999.

C:\>cd NV5KA005

C:\NV5KA005> f

C:\NV5KA005>H2OFFT-D.exe NV5KA003.bin -BIOS -ALL -CM
Read file successfully.   (path="platform.ini")
Read file successfully.   (path="message.ini")

                  Please do not remove the AC power



        Insyde H2OFFT (Flash Firmware Tool) Version (SEG) 100.00.08.04
        Copyright(c) 2012 - 2015, Insyde Software Corp. All Rights Reserved.
```

※Note:

If you use A001~A004 BIOS version now, please execute f.bat file to update your BIOS to latest version for Nuvo-5000.

If you use A005 BIOS version now and want to reflash BIOS again, please execute f2.bat file.

Step 4-1: Please **reboot** the Nuvo-5000 computer after flash has been updated completely.

```
Insyde H2OFFT (Flash Firmware Tool) Version (SEG) 100.00.08.04
Copyright(c) 2012 - 2015, Insyde Software Corp. All Rights Reserved.



            Initializing

            File loading     100 %

   Current  BIOS Model name: Nuvo-5000 Series
   New      BIOS Model name: Nuvo-5000 Series

   Current  BIOS version: NV5KA003.Build160318
   New      BIOS version: NV5KA005.Build161125



            Updating Block at FFFFF000h
   0%        25%          50%          75%          100%
   ███████████████████████████████████████████████
                                                      100%

            Flash complete!
```

Step 4-2: Press "**F2**" to enter BIOS setup utility during POST stage.
Step 4-3: Press "**F9**" to "Load Optimal Defaults".Configure previous configuration. Ex. AHCI mode, Wake on LAN,Power on after power failure. If no specific setup, skip this step.
Step 4-4: Press "**F10**" to save and exit.

Attention:

If any error was observed during updating BIOS,please run it again. Incomplete updating process will cause system fail to boot.
During updating BIOS, please DON'T power off or Remove AC power.