X7CF BIOS update procedure

2021/04/08

Following is based on BIOS **X7CF0009**.

Files detail for BIOS update package

Update batch file:

update.bat or **X7CF0009.bat**	BIOS update batch for DOS
update.nsh	BIOS update batch for EFI shell
updateWin32.bat	BIOS update batch for Windows 32bit OS
updateWin64.bat	BIOS update batch for Windows 64bit OS

Update utility:

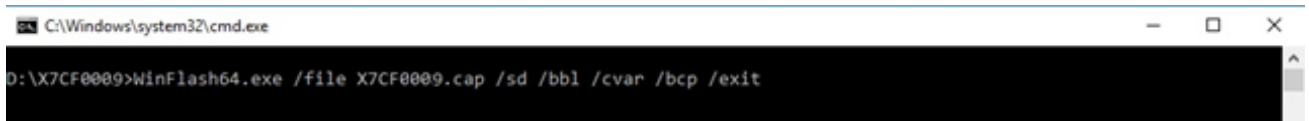|	
DosFlash.exe	BIOS update tool for DOS
ShellFlash64.efi	BIOS update tool for EFI shell
WinFlash32.exe	BIOS update tool for Windows 32bit OS
WinFlash64.exe	BIOS update tool for Windows 64bit OS

BIOS BIN/CAP file:

X7CF0009.Cap	BIOS file

BIOS update procedure

> **NOTE:**
>
> **1. Make sure your computer is plugged into a reliable power source.**

1. Unzip X7CF009 zip to folder
2. The BIOS update procedure is same in DOS & Windows. Please Boot to DOS or Windows for BIOS update
3. For Windows OS environment, please open a CMD.exe prompt with administrator right (Run as Administrator).
4. Change to BIOS folder
5. Run the batch file to start the BIOS update.
   - DOS environment: please run **update.bat** or **X7CF0009.bat**
   - EFI shell: please run **update.nsh**
   - Windows 32bit OS: please run**updateWin32.bat**
   - Windows 64bit OS: please run**updateWin64.bat**
6. You will see below message when BIOS start update. Following is example for Windows OS.

```
■ D:\X7CF00A8\WinFlash64.exe                                    —    □    ×

Phoenix SCT Flash for Windows V2.12.0.0, Build 140919
Copyright (c) 2011-2014 Phoenix Technologies Ltd.

The tool will start flashing in 5 seconds, press ESC to abort.
SecureFlash BIOS detected.
Read BIOS image from file.
Initialize Flash module.
Read current BIOS.
Cannot find any ESP partition!
Write capsule file to capsule memory.
```

7. After above update procedure, system will reboot then start the next step update procedure. You will see below message for second update procedure.

WARNING! Be very careful when updating BIOS! If your computer freezes, crashes, or loses power during the process, the BIOS may be corrupted. This will render your computer unbootable.


```
Phoenix SCT Flash for Shell V2.0.0.0, Build 140307
Copyright (c) 2011-2014 Phoenix Technologies Ltd.

Read BIOS image from memory.
SecureFlash BIOS detected.
Initialize Flash module.
Read current BIOS.

Begin Flashing......
Total blocks of the image = 1024.
|---+----+----+----+----+----+----+----+----+----|
..............................................
Image flashing done.

Flashing finished.

BIOS is updated successfully.

WARNING: System will shutdown or reboot in 5 seconds!
```

8. System will shutdown or reboot after BIOS update successful.
9. Now you already finished BIOS update.