

# UEFI Shell Update BIOS & EC & ME

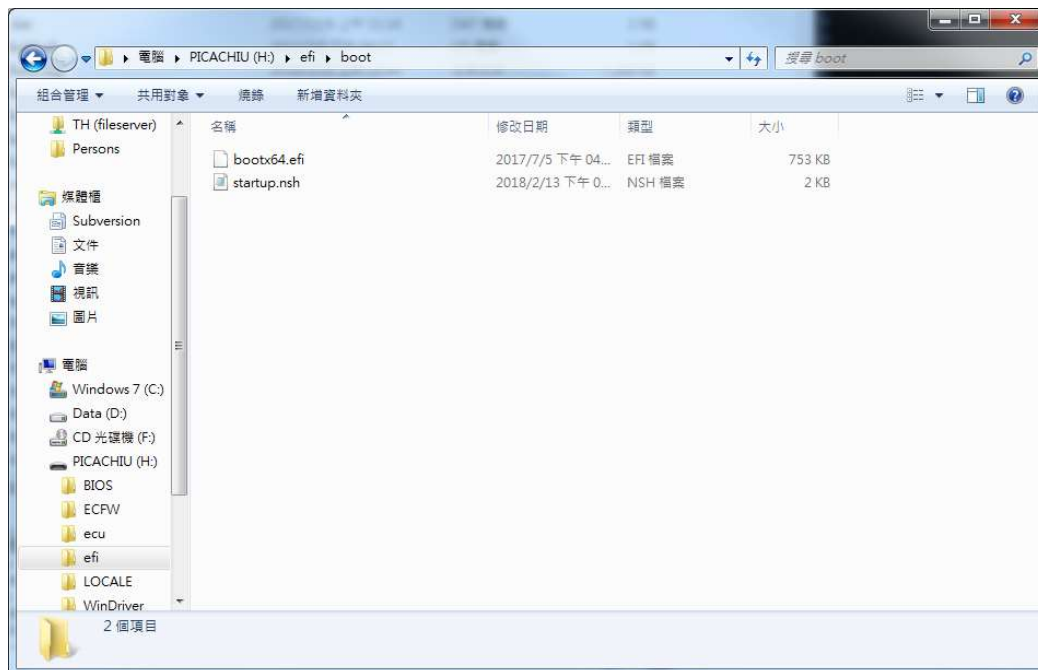
11/22/2018

5/7/2026 update

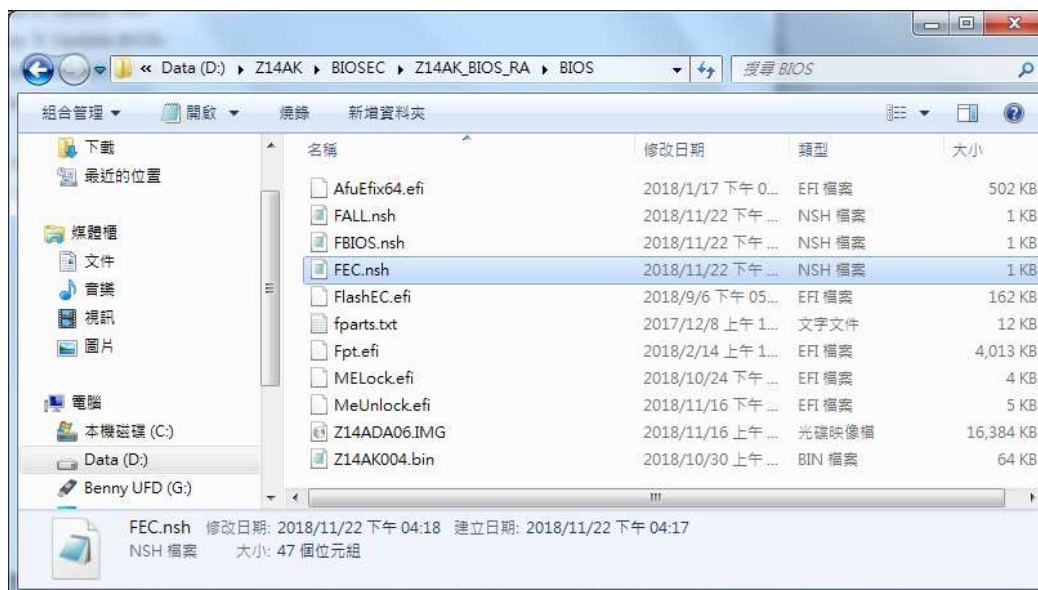
- If you don't have any USB shell, please create a UEFI Shell at USB dongle.
- Put these files into USB dongle as blow and **follow the path**: ( "H" is my USB )

**H:\efi\boot\bootx64.efi** (this file can download from internet)

**H:\efi\boot\startup.nsh**



- And other bios files copy to **H:\**



- When enter the shell, the script is “**FALL.nsh**” and “**FBIOS.nsh**”

**FALL.nsh** : ME , BIOS and EC Update

**FBIOS.nsh** : BIOS update

**ECflashEC.nsh**: EC update

- Update All Me, BIOS and EC

Fall.nsh steps:

Step 1: Switch ME to unlock mode and system will turn off

```
fs1:\BIOS> fall
Check ME status...
Unlock ME
Unlock success!
System will reboot
Please do not cut off the power_
```

Step 2, Press power button to turn on PC

Step 3: Re-run Fall.nsh to Update ME and BIOS

```
fs1:\BIOS> fall
Check ME status...
ME is already unlocked. SPI can be update.

Intel (R) Flash Programming Tool. Version: 11.0.50.3425
Copyright (c) 2007 - 2017, Intel Corporation. All rights reserved.

Reading HSFSTS register... Flash Descriptor: Valid

--- Flash Devices Found ---
HX25L12875F      ID:0xC22018      Size: 16384KB (131072Kb)

_ Reading Flash [0x09CCE00] 10023KB of 10228KB - 98 percent complete.
```

Step 4: Switch ME to Lock and update EC and system will power off

```

Loop : 1

2018.11.21 22:13:19

Erase :.
Program :._
Verify :

```

- Only update BIOS: **FBIOS.nsh**

```

- Programming Flash [0x0274000] 12KB of 12KB - 100 percent complete.
- Erasing Flash Block [0x518000] - 100 percent complete.
- Programming Flash [0x5518000] 2700KB of 2700KB - 100 percent complete.
- Erasing Flash Block [0x55DF000] - 100 percent complete.
- Programming Flash [0x55DF000] 380KB of 380KB - 100 percent complete.
- Erasing Flash Block [0x601000] - 100 percent complete.
- Programming Flash [0x601000] 4KB of 4KB - 100 percent complete.
- Erasing Flash Block [0x604000] - 100 percent complete.
- Programming Flash [0x604000] 4KB of 4KB - 100 percent complete.
- Erasing Flash Block [0x636000] - 100 percent complete.
- Programming Flash [0x636000] 192KB of 192KB - 100 percent complete.
- Verifying Flash [0x0A00000] 10228KB of 10228KB - 100 percent complete.
RESULT: The data is identical.

FPT Operation Successful.

+-----+
| AMI Firmware Update Utility v5.09.04.1503 |
| Copyright (C)2017 American Megatrends Inc. All Rights Reserved. |
+-----+

Reading flash ..... done
- ME Data Size checking . ok
Secure Flash enabled, recalculate ROM size with signature... Enable.
- FFS checksums ..... ok
- Check RomLayout ..... Ok.
Loading capsule to secure memory buffer ... done
Erasing Boot Block ..... done
Updating Boot Block ..... done

```

- Only Update EC: **ECflash.nsh** and system will power off

```

Loop : 1

2018.11.21 22:13:19

Erase :.
Program :._
Verify :

```