# Contents

- Standard operating procedure (SOP) for 'USB BIOS Flashback' tool
- Standard operating procedure (SOP) for 'BIOS updater for New 4th Gen Intel Core Processors' tool

**USB BIOS Flashback**

System requirements:

- Power supply
- USB storage formatted to FAT16 or FAT32
- ASUS 8 Series motherboard featuring USB BIOS Flashback

1. **Select the exact UEFI BIOS file**

   Download the relevant BIOS file for your motherboard. To find this, first visit the relevant motherboard product page at the ASUS website, at www.asus.com/support. Now Click 'Drivers & Tools', choose your operating system from the 'OS' dropdown menu then click to expand the 'BIOS' section.

2. **Rename the BIOS file and save it to root folder on the USB storage device**
   Download the "BIOS Renamer for USB BIOS Flashback and Crashfree BIOS 2" tool,
   which you'll find in the 'BIOS-Utilities' section of your motherboard's Support
   page. Save the unzipped BIOS (.CAP) file and BIOS Renamer to the top-level (root)
   folder on the USB storage device and follow the steps that indicated on support
   site to complete the renaming processes.

## Driver & Tools

There are 3 download servers available on ASUS Download Site - Global, China and P2P. Each server provides exact the same content no matter where you download from, except for the speed which you are connected to.

OS:  [ Windows 8.1 32bit    ▼ ]    *Required

**54 files found**

⊖ Qualified Vendor List (6)

⊖ BIOS (10)

⊖ BIOS-Utilities (3)

Version -

| Description | Bios Renamer for USB BIOS Flashback and Crashfree BIOS 2<br>1.Put Bios file and Bios renamer in same folder<br>2.Execute the Utility<br>3.Use new Bios file for USB BIOS Flashback. | |
|---|---|---|
| File Size | 202.85 KBytes | 2012/11/08  update |
| Download from | 🖫 Global | |

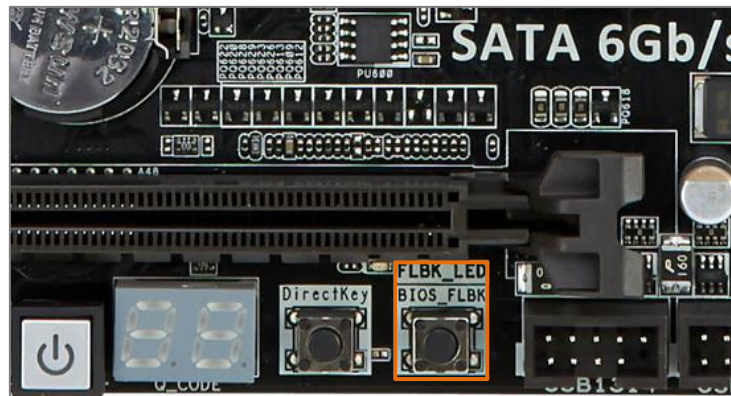3. **Connect to a power supply to your system**
4. **Plug USB storage device and press the button to complete the BIOS update**
   Plug the USB storage device into the motherboard's USB BIOS Flashback port.
   Now press and hold USB BIOS Flashback button/ROG Connect button/onboard
   BIOS FLBK/Reset button for three seconds until the LED begins to blink, then
   release. <u>Note that the button's location varies by motherboard model, please
   check the below photos for reference:</u>

✓    USB BIOS Flashback button/ROG Connect button



✓    Onboard BIOS FLBK button



✓    Reset button

**BIOS Updater for new 4th Gen Intel Core processors**

System requirements:

- A running ASUS 8 Series motherboard-based system, with current 4th generation Intel processor installed

1. **Download the UEFI BIOS file & BIOS Updater tool**

   Download the 'BIOS updater for New 4th Gen Intel Core Processors' and relevant BIOS file for your motherboard from ASUS official website at www.asus.com/support. Now Click 'Drivers & Tools', choose your operating system from the 'OS' dropdown menu then click to expand the 'BIOS' and 'BIOS-Utilities' sections.

## Driver & Tools

There are 3 download servers available on ASUS Download Site - Global, China and P2P. Each server provides exact the same content no matter where you download from, except for the speed which you are connected to.
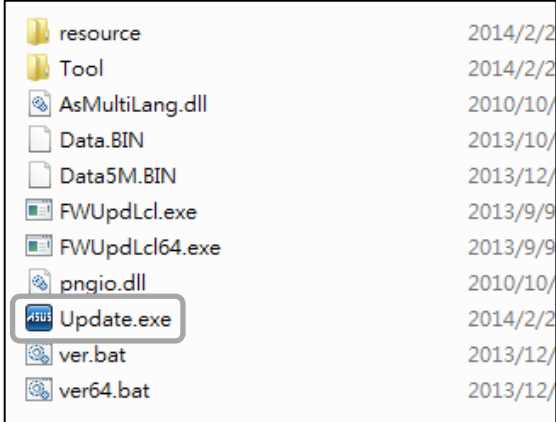
OS: Windows 8.1 32bit ▼     *Required

**54 files found**

- ⊖ Qualified Vendor List (6)
- ⊖ BIOS (10)
- ⊖ BIOS-Utilities (3)

← You'll find the updater tool under 'BIOS-Utilities' and the BIOS under 'BIOS'.

Version 2.00.02

| Description | BIOS updater for New 4th Gen Intel Core Processors<br>Before using the new Intel 4th Gen Core processors, we suggest that you first download the BIOS updater for new Intel 4th Gen Core Processors and then update the BIOS using this tool. | |
|---|---|---|
| File Size | 7.33 MBytes | 2014/02/28  update |
| Download from | 💾 Global | |

## 2. Launch the BIOS Updater tool

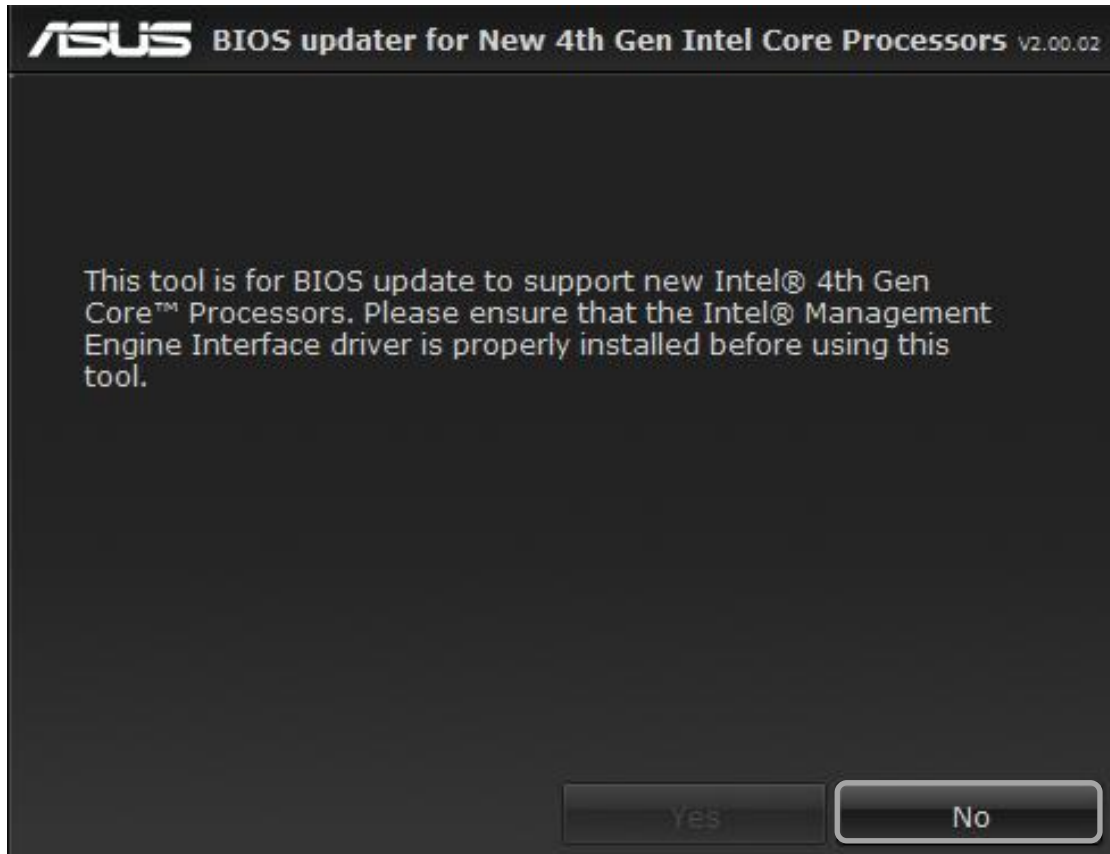Double-click the 'Update.exe' file to launch the 'BIOS updater for New 4th Gen Intel Core Processors' tool.

| | |
|---|---|
| 📁 resource | 2014/2/2 |
| 📁 Tool | 2014/2/2 |
| 📄 AsMultiLang.dll | 2010/10/ |
| 📄 Data.BIN | 2013/10/ |
| 📄 Data5M.BIN | 2013/12/ |
| 📄 FWUpdLcl.exe | 2013/9/9 |
| 📄 FWUpdLcl64.exe | 2013/9/9 |
| 📄 pngio.dll | 2010/10/ |
| 📄 Update.exe | 2014/2/2 |
| 📄 ver.bat | 2013/12/ |
| 📄 ver64.bat | 2013/12/ |

*Note: To update your BIOS with the 'BIOS updater for New 4th Gen Intel Core Processors' tool you must boot your system with a current 4th generation Intel Core processor installed. When the update is complete, you can replace the current processor with a new 4th generation Intel Core processor.

3. **Ensure the Intel MEI(Management Engine Interface) driver is installed**
   The application will first check to see if the Intel MEI driver is installed in the PC. If it isn't, you'll see the below screenshot. Click 'No' to cancel the update process then download the relevant driver from your motherboard's Support page — you'll find it within 'Driver & Tools' and then 'Chipset'. Please install Intel MEI before the UEFI BIOS update.



60 files found

- Qualified Vendor List (6)
- Hotfix (1)
- BIOS (11)
- BIOS-Utilities (3)
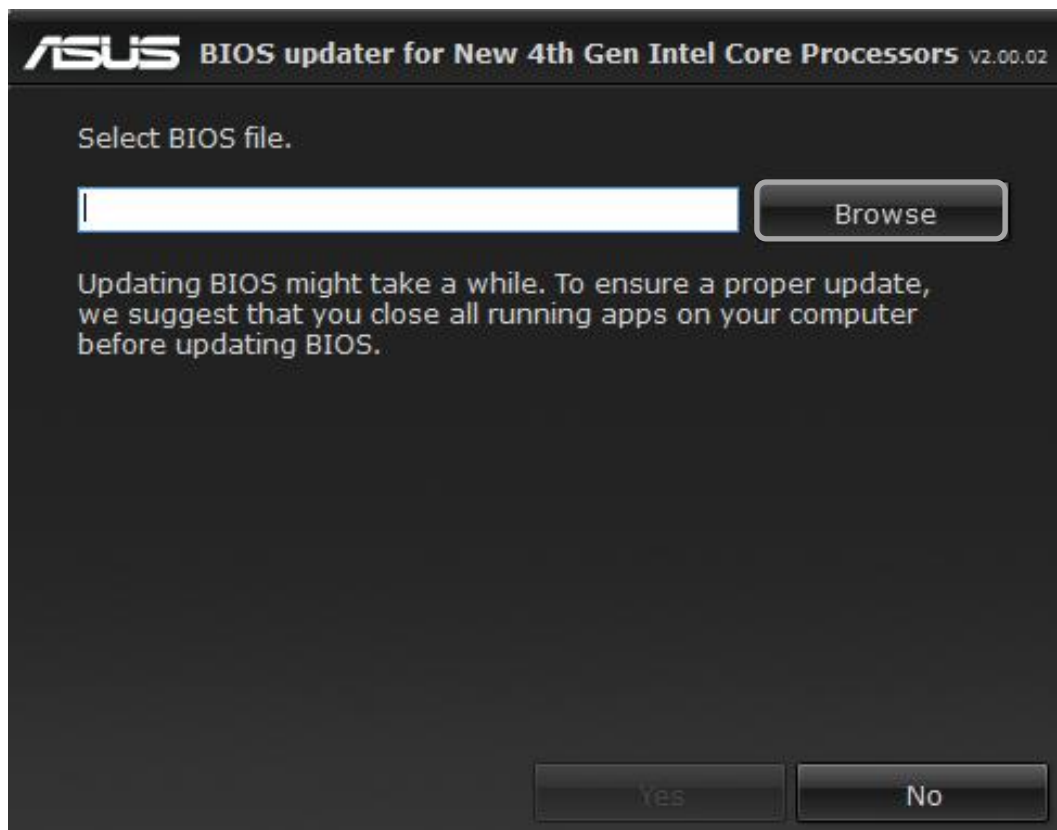- Chipset (4)

Version 9.5.15.1730

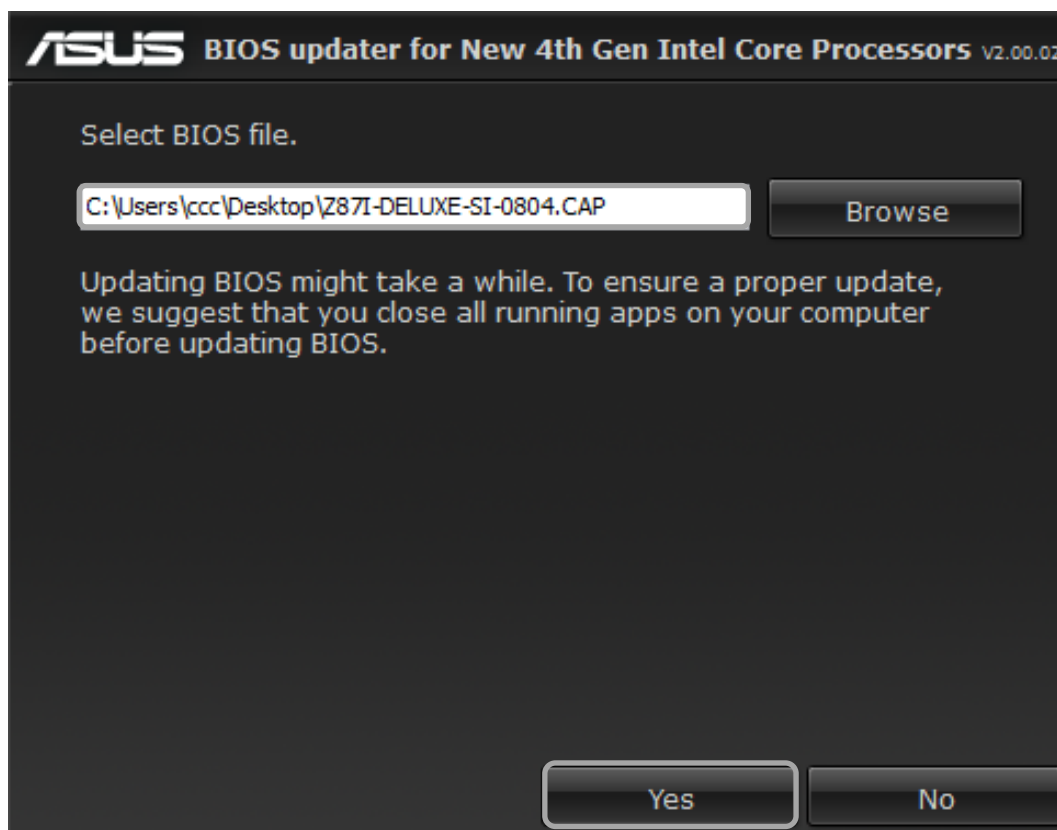| Description | Management Engine Interface V9.5.15.1730 for Windows Win7 64bit & Win8 64bit & Win8.1 64bit---(WHQL). Management Engine Interface V9.5.15.1730 for Windows Win7 32bit & Win8 32bit & Win8.1 32bit---(WHQL). | |
|---|---|---|
| File Size | 59,45 MBytes | 2013.11.28 update |
| Download from | 💾 Global | |

### 4. Select the UEFI BIOS file

Click 'Browse' then select the BIOS file, click the 'Yes' button to begin the update.



### 5. Start the update

After selecting the BIOS file, click the 'Yes' button to start the update.

## 6. Update complete

The BIOS update process is automatic. Progress will be shown, like this: