

# ASRock GemiLake BIOS 1.30 update procedure

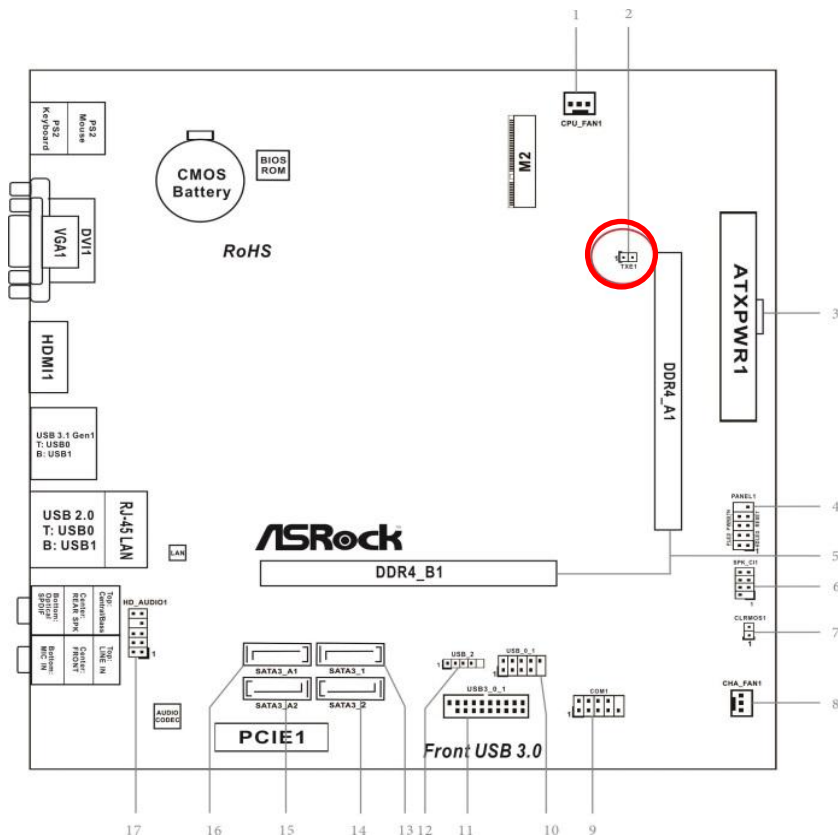
Please refer to the following steps to update the BIOS 1.30.

Step 1. Please download the file from the link below:

<https://drive.google.com/open?id=1SMq1-P2iZoO70ZrLZgM1BY4ty1afGw2L>

Step 2. Please unplug the power cable of J5005-ITX motherboard.

Step 3. Use any metal materials such as a paper clip to short the TXE1 header (Using metal material to contact two pins marked in red together.)



Step 4. Plug the power cable to J5005-ITX and turn on computer.

Step 5. Under operating system, Copy the path from step 1

ex. C:\Users\rs3 h370\Desktop\GLK-ITX(R)\WINDOWS64

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Step 6. Under operating system, open “Command Prompt” and “run as administrator.”

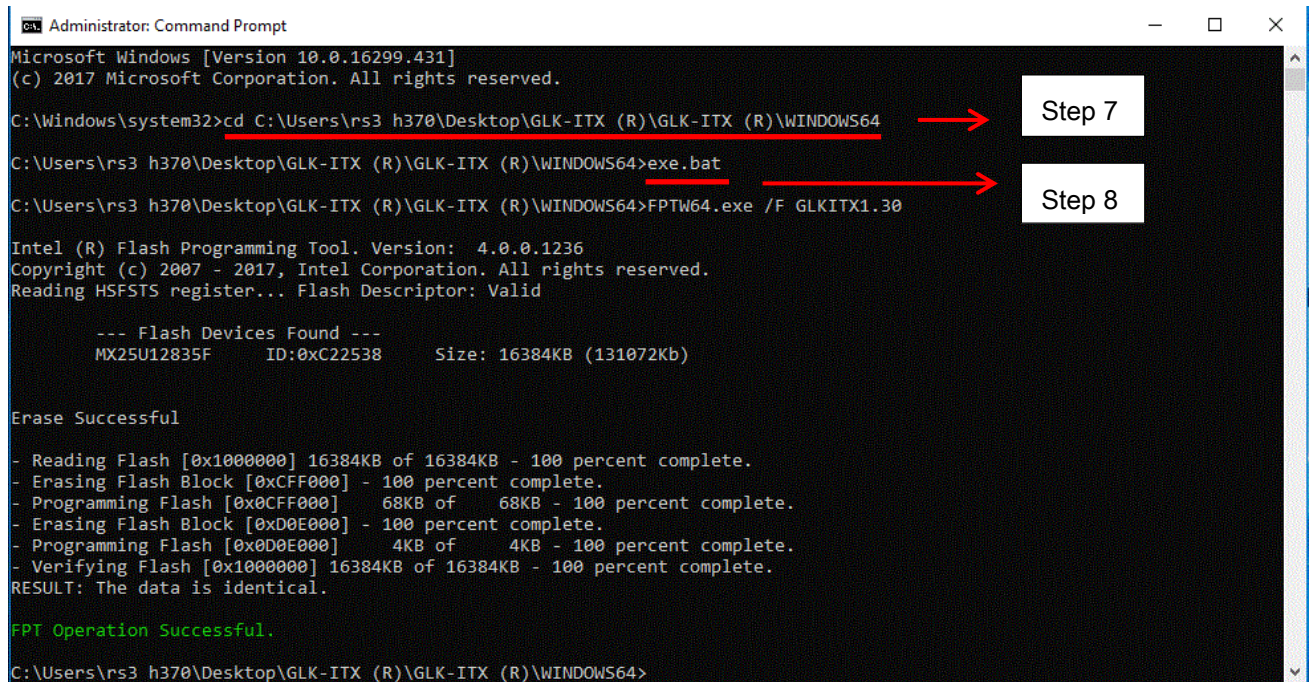
Step 7. In the Command Prompt type in “cd” and paste the path of your file in the system from step 5.

Type: cd “your file path.”

ex. `cd C:\Users\rs3 h370\Desktop\GLK-ITX(R)\WINDOWS64`

Step 8. Execute “EXE” file.

Type in `EXE.BAT`



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.16299.431]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd C:\Users\rs3 h370\Desktop\GLK-ITX (R)\GLK-ITX (R)\WINDOWS64
C:\Users\rs3 h370\Desktop\GLK-ITX (R)\GLK-ITX (R)\WINDOWS64>exe.bat
C:\Users\rs3 h370\Desktop\GLK-ITX (R)\GLK-ITX (R)\WINDOWS64>FPTW64.exe /F GLKITX1.30

Intel (R) Flash Programming Tool. Version: 4.0.0.1236
Copyright (c) 2007 - 2017, Intel Corporation. All rights reserved.
Reading HSFSTS register... Flash Descriptor: Valid

--- Flash Devices Found ---
MX25U12835F      ID:0xC22538      Size: 16384KB (131072Kb)

Erase Successful

- Reading Flash [0x1000000] 16384KB of 16384KB - 100 percent complete.
- Erasing Flash Block [0xCFF000] - 100 percent complete.
- Programming Flash [0xCFF000] 68KB of 68KB - 100 percent complete.
- Erasing Flash Block [0xD0E000] - 100 percent complete.
- Programming Flash [0xD0E000] 4KB of 4KB - 100 percent complete.
- Verifying Flash [0x1000000] 16384KB of 16384KB - 100 percent complete.
RESULT: The data is identical.

FPT Operation Successful.

C:\Users\rs3 h370\Desktop\GLK-ITX (R)\GLK-ITX (R)\WINDOWS64>
```

Step 9. After seeing “FPT Operation Successful” under the Command Prompt, please close the command window and shutdown the system.

Step 10. After shutting down, please remove the power cable.

Step 11. Please remove the metal that you have installed on the two pins on the motherboard.

Step 12. Plug the power cable

To make sure the BIOS have been updated successfully, please follow the steps below

Step 1. Please press [Delete] or [F2] to enter the BIOS setup during the POST screen.

Step 2. Refer to the following path to check the TXE FW version is “4.0.0.1245”.

Path: Advanced → Chipset Configuration → TXE FW version