

Update Instruction for STMicro TPM Firmware (Version 1.771.0.0)

[Precaution]

Before updating the firmware, you should

- Sign-in as administrator account.
- Connect AC Adaptor and fully charged battery. If not fully charged, update may be skipped or failed.
- If BitLocker is enabled, make sure you have the recovery key of BitLocker. It will be necessary if recovery key is requested when system boots.

[Summary of installation procedure]

1. Extract the program for updating firmware
2. Run the program for updating firmware
3. Confirm the firmware version after updating firmware

[Procedure]

1. Extract the program for updating firmware

- (1) Double click the downloaded program (stmicro_tpm_fw_1_771_0_0.exe)
Click [Yes] if “User Account Control” window appears.
- (2) Read the “License Agreement” and click [Yes].
- (3) Confirm the destination folder and click [OK].
(default folder is “c:\util2\stmicro_tpm_fw_1_771_0_0”)
- (4) Wait until files are extracted. The folder in which update files are extracted will be automatically opened on completion. It may take more than 1 minute until the folder appears.

2. Run the program for updating firmware

- (1) Right click or touch and hold [TFInst] (In the case of setting to display extension, [TFInst.bat]) in the destination folder in step 1 and click [Run as administrator].
Click [Yes] if “User Account Control” window appears.
- (2) If the message “Please run as administrator.” is displayed, follow the procedure in step (1), run as administrator.
- (3) The vendor name and firmware version of the TPM installed on the computer are displayed.
If the message “No need to update TPM firmware.” is displayed, the firmware has already been updated or the computer model is not supported by the program for updating firmware, no update is necessary.
- (4) If the message “Due to insufficient battery level, TPM firmware update is cancelled. Fully charge the battery and then try again.” is displayed, follow the message, fully charge the battery and then repeat from step (1).
- (5) Next, the status of BitLocker is checked. If BitLocker is enabled, BitLocker protection is suspended, and the message “Suspend protection” applied to BitLocker for updating TPM firmware. It will be resumed automatically after rebooting computer.” is displayed.
- (6) Finally, the message “After the computer is restarted, TPM firmware update is

started. Press any key to restart the computer.” is displayed.

Press any key to restart the computer.

- (7) After the computer restarts, the firmware update will be performed automatically.
- (8) After the firmware update is completed, Windows will start.
- (9) If BitLocker protection was suspended in step (5), BitLocker will be automatically re-enabled about one minute after the desktop appears.

3. Confirm the firmware version after updating firmware

- (1) Right click or touch and hold [CheckTPMFWVersion] (In the case of setting to display extension, [CheckTPMFWVersion.bat]) in the destination folder in step 1 and click [Run as administrator].

Click [Yes] if “User Account Control” window appears.

- (2) If the message “Please run as administrator.” is displayed, follow the procedure in step (1), run as administrator.
- (3) The vendor name and firmware version of the TPM installed on the computer are displayed.

If the message “No need to update TPM firmware.” is displayed, the firmware has been updated successfully.

The firmware update process is complete.