UltraDrive Firmware Update Tool Guide - 1819

If your SSD F/W is 1711, please downgrade it to 1571 before update to 1819

This update procedures are based on Ultra Drive LE/ME only. So if you have different SSD, it might be not working. Please remember Super Talent does not take any responsibility for data loss. So, please back up your data before doing *F/W* update, and read this guide carefully and follow all procedures correctly.

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This tool can update F/W from 1571 to 1819.

1. Check P/N

Please check the Part Number on backside of SSD. Make sure the drive is FTMxxGX25H or FTDxxGX25H.



2. Check SSD F/W version

Please check the F/W version. On Computer Management, click **Disk drives**. Find the SSD, and check its properties. The F/W version number is showed on **Details** information. Below picture shows the SSD F/W is 1571. If the S/N is 1571, you can use this to update. If the F/W is 1711, please downgrade the version to 1571 first, then use this tool to update F/W from 1571 to 1819. The downgrade tool is on website http://www.supertalent.com/support/

| STT_FTM | 164GX2 | 5H Prope | erties | | ? 🛛 |
|---------|------------|----------|--------|---------|---------------|
| General | Policies | Volumes | Driver | Details | |
| | STT_FT | M64GX25 | н | | |
| Device | e Instance | ld | | | ~ |
| DISKS | TT_FTM6 | 4GX25H | | | (1571)_\3550: |

3. Download tool to CD

Download the firmware update image file from website. The image file already includes DOS booting files. Use CD Burn tool to burn this F/W update image file to CD. This CD is DOS booting drive.

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4. Check SSD P/N and S/N to choose a correct tool

Check the P/N and S/N to get the correct update tool. The 4 numbers in the middle of the S/N, like 'DDBX' is very important for the tool choose.





Below table shows the relationship between the update tool and P/N & S/N. If the S/N is 'xEBX', please make sure the F/W version has already been downgraded to 1571.

| Tool Name | P/N | S/N |
|-----------|------------|------------------------|
| FTM32GX | FTM32GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTM64GX | FTM64GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTM28GX | FTM28GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTM56GX | FTM56GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTD32GX | FTD32GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTD64GX | FTD64GX25H | 'xDBX', 'xDAX', 'xDIX' |
| FTD28GX | FTD28GX25H | 'xDBX', 'xDAX', 'xDIX' |
| M28GXXX | FTM28GX25H | ,xxxx, |
| M64GX_TB | FTM64GX25H | 'xTBX', 'xTAX', 'xTIX' |
| M28GX_TB | FTM28GX25H | 'xTBX', 'xTAX', 'xTIX' |
| M56GX TB | FTM56GX25H | 'xTBX', 'xTAX', 'xTIX' |

If your SSD S/N is not in the table, but the F/W is already updated to 1571. There is no problem to use this tool.

5. Update

Put the CD into CD drive. Enter BIOS, and change Boot Device Priority. Set the CD as the first boot device. Connect the SSD to computer, and power on. The system will boot up to DOS mode.

Choose the exact tool to run. For example, if your SSD P/N is FTM64GX25H, the tool should be FTM64GX. Please read below tips and follow instruction correctly.

1). Boot to DOS mode. Please note the update tools are on drive R.

```
(C)Copyright Oak Technology Inc. 1993-1996
Driver Version : U340
Device Name : BANANA
Transfer Mode : Programmed I/O
Drive 0: Port= 1F0 (Primary Channel), Master IRQ= 14
Firmware version : D.OC
MSCDEX Version 2.23
Copyright (C) Microsoft Corp. 1986-1993. All rights reserved.
Drive R: = Driver BANANA unit 0
A:N>_
```

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If you can not see this screen, please check BIOS. Below is one of the correct setting.



2). Change to 'R' drive. Use *dir* command to all of the tool.

| Drive R: = A:∖>r: | Driver BANANA unit | . 0 | |
|---------------------------------------|--------------------|---------|--------------|
| R:\>dir | | | |
| Volume in drive R Directory of R:\ | is CH_FWUPT | | |
| FTD28GX EXE | 195,244 09-24-09 | 5:45a | |
| FTD32GX EXE | 195.244 09-24-09 | 5:37a | |
| FTD64GX EXE | 195.244 09-24-09 | 5:43a | |
| FTM28GX EXE | 195.244 09-24-09 | 5:50a | |
| FTM32GX EXE | 195.244 09-24-09 | 5:46a | |
| FTM56GX EXE | 192,684 09-24-09 | 5:52a | |
| FTM64GX EXE | 195,244 09-24-09 | 5:48a | |
| M28GXXXH EXE | 195,244 10-05-09 | 4:49a | |
| M28GX_TB EXE | 195,244 09-24-09 | 6:04a | |
| H56GX_TB EXE | 192,684 09-24-09 | 6:06a | |
| TEAGX_TB EXE | 195,244 09-24-09 | 6:03a | |
| 11 file(s) | 2,142,564 byte | s | |
| | 0 byte | es free | 表现:11 中的 A A |

- 3). In prompt, type the update tool's name (for example, 'FTM64GX') and press enter key.
- 4). If drive is connected well, you can see below screen.

Type 'Y" and you can see the connected drives in screen. Make sure the F/W version number in the drive is 1571.
 Type the drive number which you want to update the firmware and press enter key.

| Super Talent Tec | h FIRMWARE UPDATE UTILITY Ver 2.0 |
|------------------|-----------------------------------|
| New firmware mod | el = STT_FTM64GX25H |
| New firmware rev | ision = 1819 |
| Num Revision | Capacity Model |
| 1 (1571) | 59.63G STT_FTM64GX25H |
| Total 1 drive fo | und |
| Select drive num | ber(0 : Exit) : _ |

6. Finish Update

If the update is done successfully, you can see the message like below. If you have any problem to update SSD, please make sure if all part number, firmware and serial number are correct or not. If that is correct, please reboot the system and try more times.

| New : | firmware model | = STT_FTM64GX25H |
|-------------------------|------------------------------------|-----------------------|
| New : | firmware revisi | on = 1819 |
| Num | Revision | Capacity Model |
| 1 | 1571 | 59.63G STT_FTM64GX25H |
| Tota | l 1 drive found | $(\Theta : Fxit) : 1$ |
| Seleo Firmo Remov | ware download s ve CDROM or USE | and reboot! |

If there is problem, please contact to technical support in Super Talent.