

Altos BrainSphere™ T15 F6

BIOS Firmware Upgrade Guide



Version 1.0

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Preface

1. Please visit the Altos official website and download the latest firmware update package for your system model.

Link : <https://www.altoscomputing.com/en-US/download>

2. Please update your system firmware with caution, as incorrect firmware updates can lead to system damage.
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Chapter 1. Update the BIOS firmware in EFI Shell

1. Download the firmware update package and extract it to your USB flash drive. Then, insert the USB flash drive into the computer. Start the system, and on the boot screen, press F12 to access the boot menu. Choose "Built-in EFI Shell".

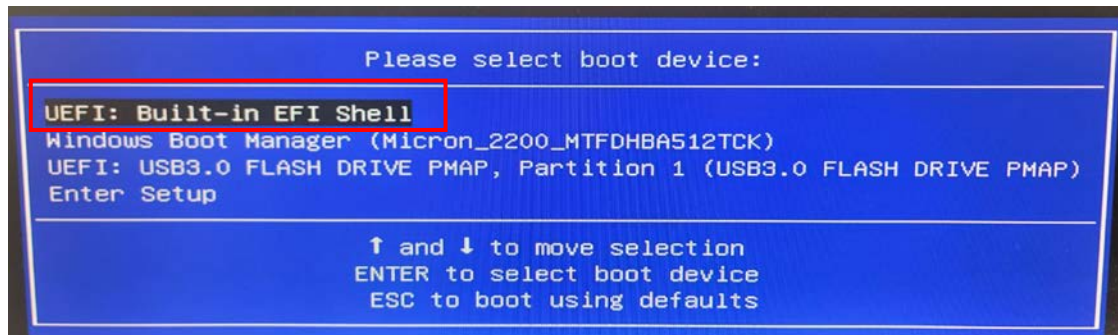


Figure 1.

2. Change path to the root directory of Firmware Package.

```
FS3:\T15F6_BIOS_F11h_20240701\> fs3:
FS3:\> cd T15F6_BIOS_F11h_20240701
FS3:\T15F6_BIOS_F11h_20240701\> _
```

Figure 2.

3. Execute `flash.nsh`, to update the BIOS. Be careful not to shut down manually during the execution.

```
Shell> fs0:
FS0:\> cd T15F6_BIOS_F11h_20240701
FS0:\T15F6_BIOS_F11h_20240701\> ls
Directory of: FS0:\T15F6_BIOS_F11h_20240701\
07/23/2024  17:24 <DIR>          8,192  .
07/23/2024  17:24 <DIR>           0  ..
06/10/2022  17:45             120,896  Efiflash101.efi
09/30/2022  15:39                25  flash.nsh
06/27/2024  19:30           33,554,432  image.bin
10/27/2020  15:52                71  Readme.txt
               4 File(s)  33,675,424 bytes
               2 Dir(s)
FS0:\T15F6_BIOS_F11h_20240701\> _
```

Figure 3.

4. The update process is as shown in the picture below. After the update is complete, the system will automatically restart.

```
FS3:\T15F6_BIOS_F11h_20240701\> 1_BIOS.nsh
OFF
FS3:\T15F6_BIOS_F11h_20240701\> cd FW
FS3:\T15F6_BIOS_F11h_20240701\FW\> cd BIOS_F11h
FS3:\T15F6_BIOS_F11h_20240701\FW\BIOS_F11h\> flash.nsh
FS3:\T15F6_BIOS_F11h_20240701\FW\BIOS_F11h\> Eflash101.efi image.bin
Flash BIOS Update Utility for UEFI SHELL Ver.1.01
Copyright(C) 2017-, Gigabyte Technology Inc.

Flash Type : MXIC 25L/U Series
Flash Size : 32768KB

Reading BIOS information ..... Success
Model Name ..... BrainSphere T15 F6
Part Number ..... 8BRPL000
Bios Version ..... F11h
Bios Date (YYYY/MM/DD) ..... 2024/06/27

Loading File ..... 100%
Model Name ..... BrainSphere T15 F6
Part Number ..... 8BRPL000
Bios Version ..... F11h
Bios Date (YYYY/MM/DD) ..... 2024/06/27

Verifying File ..... 100%
Transferring BIOS Data ..... Success
Writing BIOS ..... 17.72% at Address FE5AC000h
```

Figure 4.

5. After the system restarts, enter the BIOS Setup to check if the BIOS version is correct.

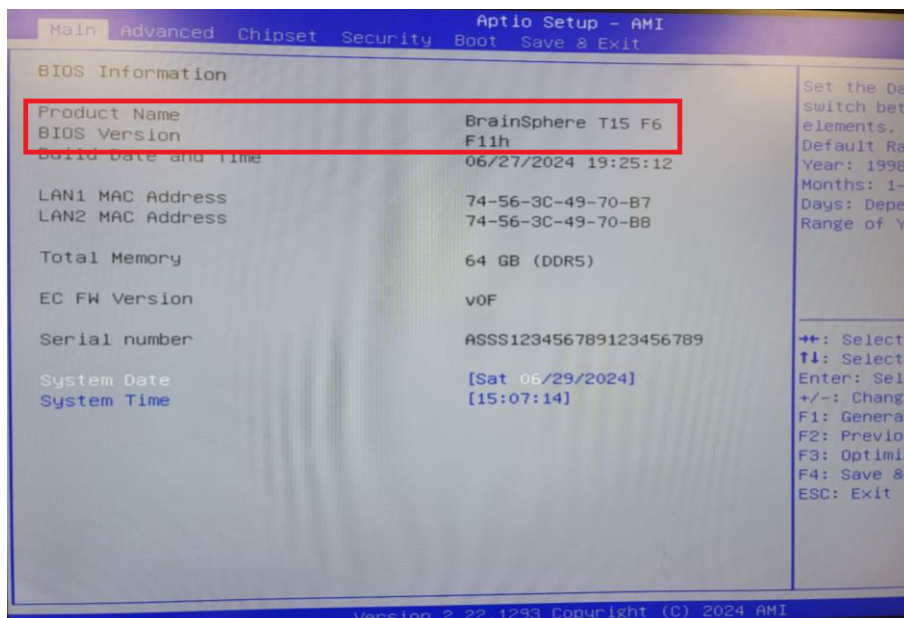


Figure 5.

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