



fitlet2 BIOS flashing without USB device support

There are three options for this: using the **SD Card**, using the **blank M.2 SATA Disk**, and using the **M.2 SATA Disk with preinstalled OS**.

1. Using the SD Card.

- 1.1. Connect the SD Card to your workstation PC.
- 1.2. Format it to FAT32.
- 1.3. Download the AFUEFI Automatic BIOS Updater Package: <http://fit-iot.com/files/download/fitlet2/bios/tools/AFUEFI Automatic BIOS Updater Package.zip>
- 1.4. Open the downloaded package and copy the EFI folder with all its contents to the formatted SD Card.
- 1.5. Download the last MBM2 BIOS file package: http://fit-iot.com/files/download/fitlet2/bios/release/flt2_mbm2_bios.zip
- 1.6. Open the downloaded package and copy the **flt2.bin** file to the SD Card, to the **EFI/BOOT** folder.
- 1.7. Disconnect all storage devices from the target fitlet2 (M.2 SATA Disk, USB Disks). Disconnect the prepared SD Card from the workstation PC and connect it to the target fitlet2.
- 1.8. Power up the fitlet2.
- 1.9. The system will boot to the EFI Shell, and after 5 seconds, the automatic BIOS flash process will start.
- 1.10. At the end of the process, the system will shut down automatically.
- 1.11. Remove the SD Card and power up the fitlet2.

2. Using the blank M.2 SATA Disk.

- 2.1. Connect the **blank M.2 SATA Disk** to your workstation PC.
- 2.2. Format it to FAT32.
- 2.3. Download the AFUEFI Automatic BIOS Updater Package: <http://fit-iot.com/files/download/fitlet2/bios/tools/AFUEFI Automatic BIOS Updater Package.zip>
- 2.4. Open the downloaded package and copy the EFI folder with all its contents to the formatted M.2 SATA Disk.
- 2.5. Download the last MBM2 BIOS file package: http://fit-iot.com/files/download/fitlet2/bios/release/flt2_mbm2_bios.zip
- 2.6. Open the downloaded package and copy the **flt2.bin** file to the M.2 SATA Disk, to the **EFI/BOOT** folder.
- 2.7. Disconnect all storage devices from the target fitlet2 (SD Card, USB Disks). Disconnect the prepared M.2 SATA Disk from the workstation PC and connect it to the target fitlet2.
- 2.8. Power up the fitlet2.
- 2.9. The system will boot to the EFI Shell, and after 5 seconds, the automatic BIOS flash process will start.
- 2.10. At the end of the process, the system will shut down automatically.
- 2.11. Remove the M.2 SATA Disk and power up the fitlet2.



3. Using the M.2 SATA Disk with preinstalled OS.

- 3.1. Connect the M.2 SATA Disk with preinstalled OS to your workstation PC.
- 3.2. Browse to the partition with the EFI folder and rename this folder to the EFI.bak.
- 3.3. Download the AFUEFI Automatic BIOS Updater Package: <http://fit-iot.com/files/download/fitlet2/bios/tools/AFUEFI Automatic BIOS Updater Package.zip>
- 3.4. Open the downloaded package and copy the EFI folder with all its contents to the connected M.2 SATA Disk.
- 3.5. Download the last MBM2 BIOS file package: http://fit-iot.com/files/download/fitlet2/bios/release/flt2_mbm2_bios.zip
- 3.6. Open the downloaded package and copy the flt2.bin file to the M.2 SATA Disk, to the EFI/BOOT folder.
- 3.7. Disconnect all storage devices from the target fitlet2 (SD Card, USB Disks). Disconnect the prepared M.2 SATA Disk from the workstation PC and connect it to the target fitlet2.
- 3.8. Power up the fitlet2.
- 3.9. The system will boot to the EFI Shell, and after 5 seconds, the automatic BIOS flash process will start.
- 3.10. At the end of the process, the system will shut down automatically.
- 3.11. Remove the M.2 SATA Disk and power up the fitlet2.

Fitlet2 page

<https://fit-iot.com/web/products/fitlet2/>

Further information

<https://fit-pc.com/wiki/index.php?title=Fitlet2>

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