

# UEFI mode update BIOS

1. Format the USB drive to FAT32 format.
2. Extract all BIOS files and place them in the root directory of the USB drive, then insert the USB drive into the computer.
3. Restart the computer and press F11 or F7 after seeing the logo to bring up the boot menu.



4. Move the cursor to the USB drive and press Enter.
5. If no hard drive is installed, the USB drive will be assigned the drive letter **fs0**. In this case, simply press **f** to update the BIOS.
6. If a hard drive is installed, first check the USB drive's identifier by typing **map -b**

```
blk5 :BlockDevice - Alias (null)
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-00-00-00-0
0)
blk6 :Removable BlockDevice - Alias (null)
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x1,0x0)/USB(0x2,0x0)

Press ESC in 4 seconds to skip startup.nsh, any other key to continue.
Shell> map -b_
```

7. Identify the USB drive (e.g., shown as **fs3**).

```

Device mapping table
fs0   :HardDisk - Alias hd21b blk0
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(1,GPT,C0A2F43B-72E3-4F6F-8524-6ACEF5E49CD8,0x800,0x3200)
fs1   :HardDisk - Alias hd21d blk1
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(3,GPT,08D20519-7E6B-4810-98AA-8BE0DE70A19D,0x3A800,0x10
fs2   :HardDisk - Alias hd21e blk2
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(4,GPT,76433D74-26DD-4E3A-B0ED-90C439CE835C,0x1DBB0800,0
fs3   :Removable HardDisk - Alias hd11b0c0b blk3
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x1,0x0)/USB(0x2,0x0)
1E64-45CC-8430-5FF82E35F65A,0x800,0x39A2800)
blk0  :HardDisk - Alias hd21b fs0
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(1,GPT,C0A2F43B-72E3-4F6F-8524-6ACEF5E49CD8,0x800,0x3200)
blk1  :HardDisk - Alias hd21d fs1
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(3,GPT,08D20519-7E6B-4810-98AA-8BE0DE70A19D,0x3A800,0x10
blk2  :HardDisk - Alias hd21e fs2
      PciRoot(0x0)/Pci(0x1C,0x6)/Pci(0x0,0x0)/NVMe(0x1,00-
0)/HD(4,GPT,76433D74-26DD-4E3A-B0ED-90C439CE835C,0x1DBB0800,0
blk3  :Removable HardDisk - Alias hd11b0c0b fs3
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x1,0x0)/USB(0x2,0x0)
Press ENTER to continue, 'q' to exit: _

```

8. Press **q** to exit, then type **fs3:** to enter the USB drive, and **ls** to browse the files.

```

      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x1,0x0)/USB(0x2,0x0)
Press ENTER to continue, 'q' to exit: q

Shell> fs3:

fs3:\> ls
Directory of: fs3:\

03/13/25  01:27a                21  C0008E0E.txt
04/16/25  08:13a <DIR>                0   EFI
12/05/24  09:51a                19   F.nsh
06/28/22  07:47a               12,311  fparts.txt
06/28/22  07:47a            1,705,312  Fpt.efi
03/12/25  08:31a             r 16,777,216  QADL0401.V10
          5 File(s)  18,494,879 bytes
          1 Dir(s)

```

9. After confirming the BIOS files are correct, type **f** to start the BIOS upgrade.

```
fs3:\> f
f> fpt -f QADL0401.V10
Intel (R) Flash Programming Tool Version: 16.0.0.1459
Copyright (C) 2005 - 2021, Intel Corporation. All rights reserved.

Reading HSFSTS register... Flash Descriptor: Valid

--- Flash Devices Found ---
ID:0xEF4018    Size: 16384KB (131072Kb)
```

10. **Caution: Do not power off during the upgrade process, or the device may become bricked.**