Marble Point BIOS Update Guide

What is needed:
USB Flash Drive
Marble Point Computer

**NOTE:** Make sure the computer is plugged into AC power when updating the BIOS so that power is not interrupted.

1. Check the BIOS currently on the computer, by typing: `msinfo32` in the search box.

2. **System Summary** will show the BIOS version.
3. If the BIOS is 0029 or below, BIOS version 1.01 must be applied first, then BIOS version 1.02, followed by BIOS version 1.03.

If the BIOS is 0033 or below, BIOS version 1.02 must be applied first, followed by BIOS version 1.03.

1.00 BIOS Version = MPBYT10A.86A.0023.2014.0212.2023
1.01 BIOS Version = MPBYT10A.86A.0029.2014.0418.1322
1.02 BIOS Version = MPBYT10A.86A.0033.2014.1231.1015
1.03 BIOS Version = MPBYT10A.86A.0035.2015.0204.1801

4. If the BIOS was downloaded on a separate computer, unzip the BIOS and copy the folder(s) to a USB flash drive. If the BIOS was downloaded on Marble Point, unzip the folders.

5. There are two ways to install the BIOS, one—using Windows, two—using the EFI Shell. Windows is the recommended method.

   **Windows BIOS Installation**

6. Choose the correct BIOS (v1.01, v1.02, v1.03, or v1.04), right-click on FF.bat, select *Run as administrator*, and click *Yes* on the box that opens, that will launch the BIOS update.

   **UEFI Shell BIOS Installation**

7. If the Windows method doesn’t work, or if you are familiar with the UEFI shell, this method can be used.

8. Follow steps 1–4 above, except the BIOS(s) must be on a USB flash drive.

9. Boot the computer and press **F11**.
10. When you see the boot menu, use the arrow keys to select **4. Internal Shell**.

11. When the shell loads, type: `fs1:` and press the **Enter** key.
12. Type: `dir` to see the contents of the USB flash drive.

13. Type: `cd xxx` (xxx = the name of the BIOS folder) you will need to use quotation marks at the beginning and ending of the folder name, if there are spaces.
   
   **For Example:** `cd “EF10MI2 BIOS v1.03-Windows 8.1 x64”`
14. To start the BIOS update, type `ff.nsh` and press the Enter key.

15. The BIOS will start updating, and the computer will shut off.

16. Turn the computer on and follow steps 1 & 2, to make sure the BIOS is updated.
17. If the BIOS doesn’t get updated and these steps are followed, please contact Intel Customer Support, or try BIOS recovery.

**BIOS Recovery**

1. Copy MPxxxxxp.cap to root directory (not in any folder) of the USB flash drive and rename to BIOS.cap
2. On the Marble Point keyboard (a USB keyboard can **NOT** be used) press: the function key and the R key at the same time. Fn+R
3. Plug in AC and the LED will blink.
4. Press power button.
5. The BIOS will update and the computer will shut off.
6. Turn the computer on and follow steps 1 & 2, to make sure the BIOS is updated.