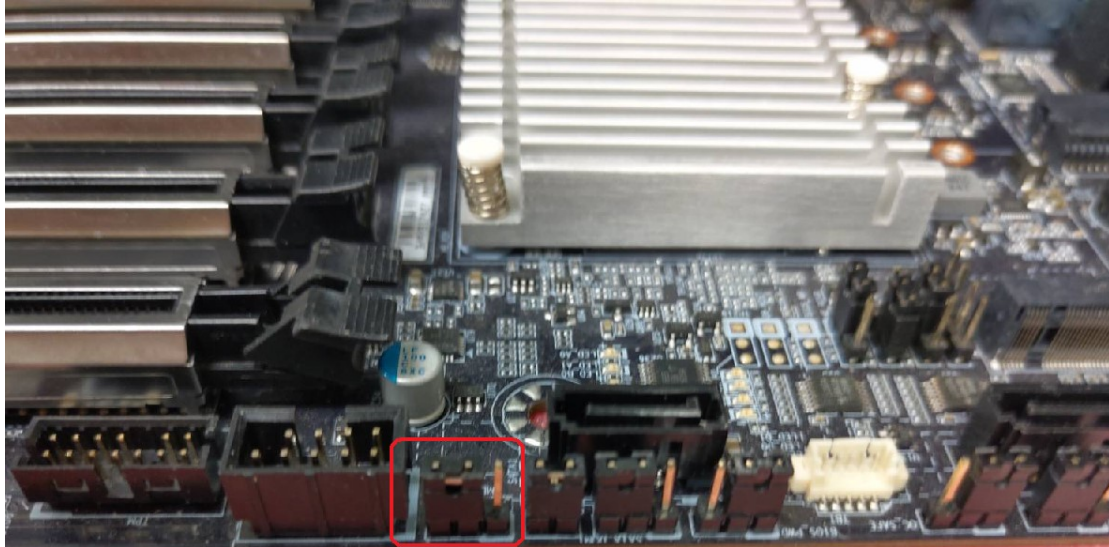


## Update BIOS/ME Steps

1. Unzip BIOS package (MW51-HP0-00\_R01.zip) onto a USB drive.
2. Move "ME\_UPDATE" header to pin 2-3.



3. Boot to EFI Shell.

```
EFI Shell version 2.70 [5.15]
Current running mode 1.1.2
Device mapping table
  fs0      :Removable HardDisk - Alias hd33d0b blk0
            PciRoot(0x0)/Pci(0x1C,0x2)/Pci(0x0,0x0)/USB(0x3,0x0)/HD(1,MB
            B1C,0x3F,0x1CD53B5)
  blk0     :Removable HardDisk - Alias hd33d0b fs0
            PciRoot(0x0)/Pci(0x1C,0x2)/Pci(0x0,0x0)/USB(0x3,0x0)/HD(1,MB
            B1C,0x3F,0x1CD53B5)
  blk1     :Removable BlockDevice - Alias (null)
            PciRoot(0x0)/Pci(0x1C,0x2)/Pci(0x0,0x0)/USB(0x3,0x0)

Press ESC in 1 seconds to skip startup.nsh, any other key to continue.
Shell> _
```

4. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
5. Enter BIOS package folder.
6. Run f.nsh

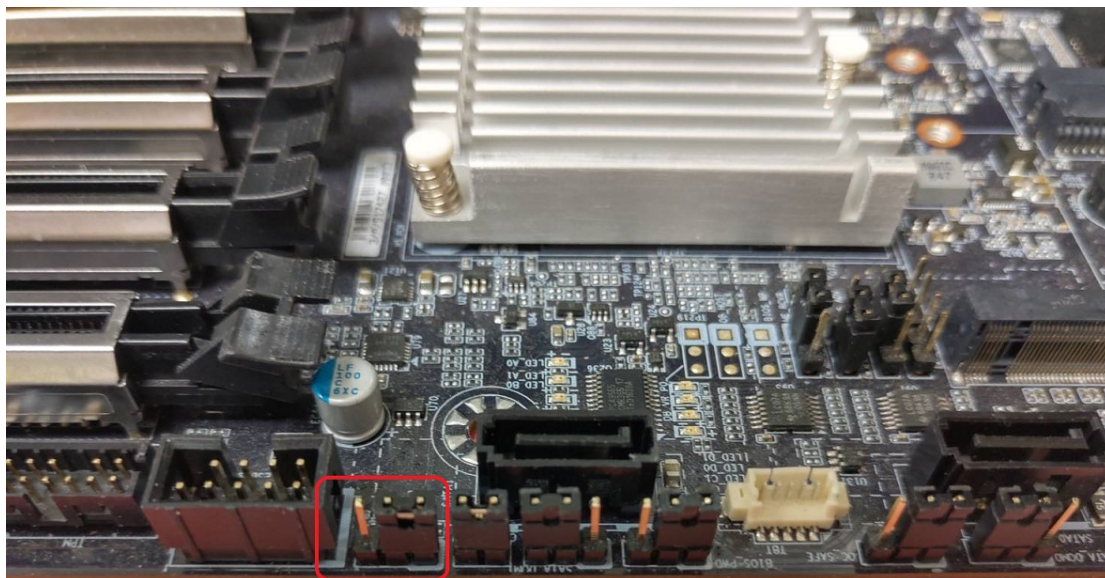
```
fs0:\MW51-HP0-00_R01_WEB> f.nsh_
```

7. After the update is finished, please power off system.

```
f.nsh> SPI_UPD\AfuEfix64.efi SPI_UPD\image.bin /P /B /N /X /ME
+-----+
|               AMI Firmware Update Utility v5.09.03.1448               |
|               Copyright (C)2017 American Megatrends Inc. All Rights Reserved. |
+-----+
Reading flash ..... done
- ME Data Size checking . ok
Secure Flash enabled, recalculate ROM size with signature... Enable.
- FFS checksums ..... ok
- Check RomLayout ..... Ok.
Loading capsule to secure memory buffer ... done
Erasing Boot Block ..... done
Updating Boot Block ..... done
Verifying Boot Block ..... done
Erasing Main Block ..... done
Updating Main Block ..... done
Verifying Main Block ..... done
Erasing NVRAM Block ..... done
Updating NVRAM Block ..... done
Verifying NVRAM Block ..... done
- Update success for FDR
- Update success for MER. \
WARNING : System must power-off to have the changes take effect!

fs0:\MM51-HP0-00_R01_MEB> _
```

8. Move "ME\_UPDATE" header to pin 1-2.



9. Power on system.