# **GIGABYTE**<sup>™</sup>

## **BIOS UPDATE**

(For AMD Renoir and Cezanne Platform)

User Guide

Rev. 1.0

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In order to assist in the use of this product, GIGABYTE provides the following types of documentation:

- User Manual: detailed information & steps about the installation, configuration and use of this
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- User Guide: detailed information about the installation & use of an add-on hardware or software component (e.g. BMC firmware, rail-kit) compatible with this product.
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Please see the support section of the online product page to check the current availability of these documents

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### Chapter 1 BIOS Update

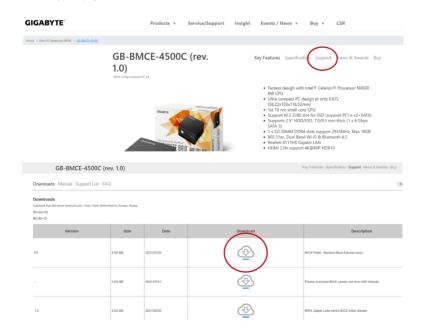
#### **UEFI Shell**



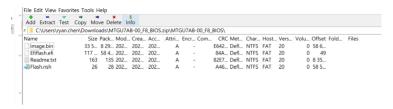
- Follow these instructions to update BIOS:
- 1. Go to the Gigabyte website (https://www.gigabyte.com/us/Mini-PcBarebone) and key in the model name in the search bar to access the product page.



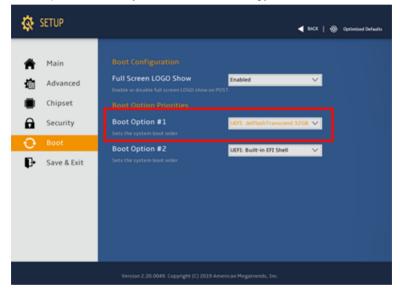
2. Go to "Support" page and look for the latest BIOS file. Click "Download".



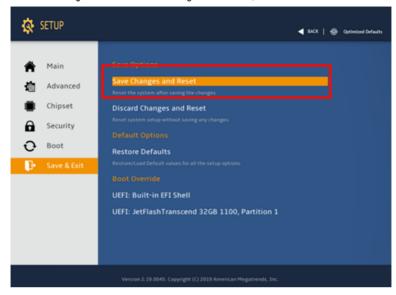
3. Copy BIOS Package into the BIOS folder.



- 5. Power on BRIX and press "DEL" to enter the BIOS setting page.
- 6. Go to Boot Option #1 and choose your USB Flash device accordingly.



7. Click "Save Changes and Reset" to save configuration and exit, then select "Yes".



8. All the devices will be displayed on the screen, then type "fs0" to select your USB drive.

9. Enter the BIOS folder and type "flash.nsh" to start the BIOS update process.

```
| EFI Shell version 2.70 [5.16] | Current running mode 1.1.2 | | |
| Device mapping table | Fiso | Removable Handdisk - Alias hdisdodo blko | PciRoot(0x0)/Pci(0x2,0x4)/Pci(0x0,0x0)/USB(0x3,0x0)/USB(0x3,0x0)/HD(1,HBR,0x36200564,0x800,0x302777) |
| Diko | Removable Handdisk - Alias hdisdodo fso | PciRoot(0x0)/Pci(0x0,0x4)/Pci(0x0,0x0)/USB(0x3,0x0)/USB(0x3,0x0)/HD(1,HBR,0x36200564,0x800,0x302777) |
| Diki | Removable Blockbevice - Alias (null) | PciRoot(0x0)/Pci(0x0,0x4)/Pci(0x0,0x0)/USB(0x3,0x0)/USB(0x3,0x0)/HD(1,HBR,0x36200564,0x800,0x302777) |
| Press ESC in 4 seconds to skip startup.nsh, any other key to continue. |
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```

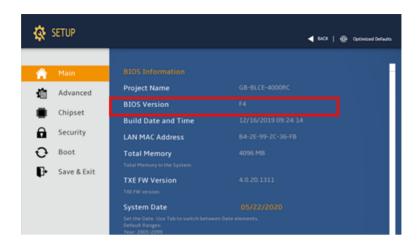
10. After a few minutes, you will see the following screen during the update.

```
fs0:\BIOS\MCMLUAB\F2_BIOS> flash.nsh
flash.nsh> AfuEfix64.efi image.bin /X /ME
                  AMI Firmware Update Utility v5.12.03.2074
        Copyright (c) 1985–2019, American Megatrends International LLC.
            All rights reserved. Subject to AMI licensing agreement.
 - ME Data Size Checking ...... ok
 - System Secure Flash ..... Enabled
 Loading The ME Data To BIOS ..... Done

    Update success for FDR
    Update success for GBER
    Update success for DER2

_- Update MER .....
      ME Data Size Checking .....
    - ME Data Size Checking ... OK
- System Secure Flash ... Enabled
Loading The ME Data To BIOS ... Done
- Update success for FDR
- Update success for GBER
- Update success for DER2
- Update success for MER
    System must power-off to have the changes which take effect!
   Process completed.
  flash.nsh> AfuEfix64.efi image.bin /X /P /B /N /L /REBOOT
                  AMI Firmware Update Utility v5.12.03.2074
         Copyright (c) 1985-2019, American Megatrends International LLC.
            All rights reserved. Subject to AMI licensing agreement.
  Reading flash ..... Done
  – ME Data Size Checking .....ok
  - System Secure Flash ..... Enabled
  - FFS Checksums ..... Pass
  - Check RomLayout ..... Pass
 Loading File To Verify Memory ..... Done
_Erasing Boot Block ..... 0x008FC000 (5%)
```

11. Reboot the device then you'll find the BIOS version has been updated accordingly.



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