

BIOS Update Instruction for the Vig850G Motherboard PMPGG850- Vig850G

- Before initiating a BIOS update, be sure to read and precisely follow the instructions included in this document.
- If a BIOS update process is interrupted or the incorrect BIOS is flashed, your system may not function properly and can possibly damage the motherboard.
- Before updating the BIOS on the Viglen Desktop Board, manually record all BIOS settings that have been changed (from default) so they can be restored after completing the BIOS update

Important Information:

Before updating the BIOS to latest 'F9' version following must be checked first on the motherboard:

- Check the BIOS version
- Minimum BIOS version must be 'F3'

To identify BIOS and ME firmware versions on the system, carry out following steps.

1. During POST, enter the BIOS setup by pressing 'F12' key.
2. Select 'Enter Setup'

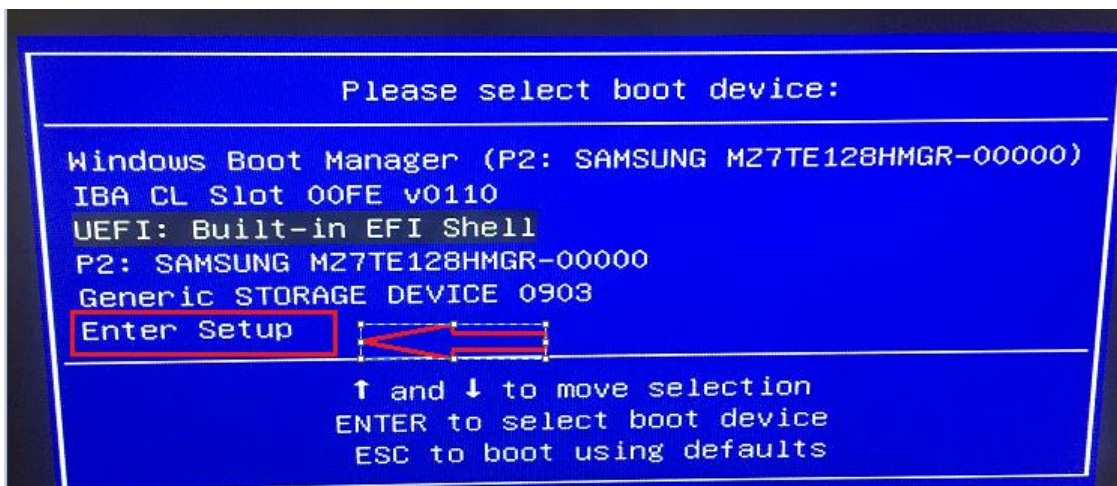


Figure 1- Select 'Enter Setup'

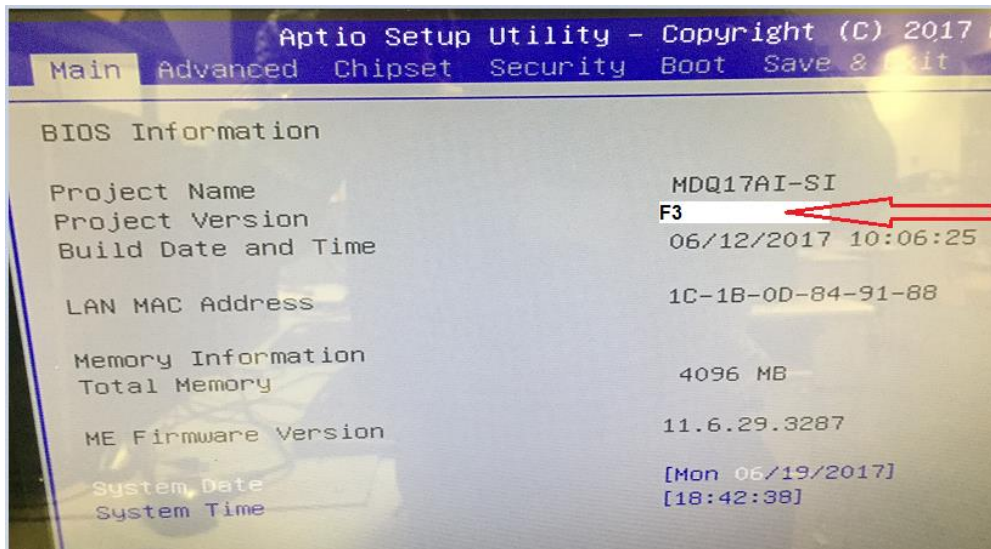


Figure 2 – Sect the BIOS version

If the BIOS version is 'F3', you may continue to update the BIOS to version 'F9'. If the BIOS revision is 'F1' or 'F2', **Please do not proceed with BIOS update.** BIOS version must be updated to version 'F3'. Please download the BIOS from FTP link.

Before Updating the BIOS to 'F9'

Please enable following settings in BIOS before updating the BIOS 'F9'.

- BIOS Lock : **Disabled**
1. During boot, enter the BIOS setup by pressing 'F12' key.
 2. Select 'Enter Setup'
 3. Select '**Chipset**' from the Menu
 4. Set it to **Disabled**
 5. Select 'Save changes and Reset'

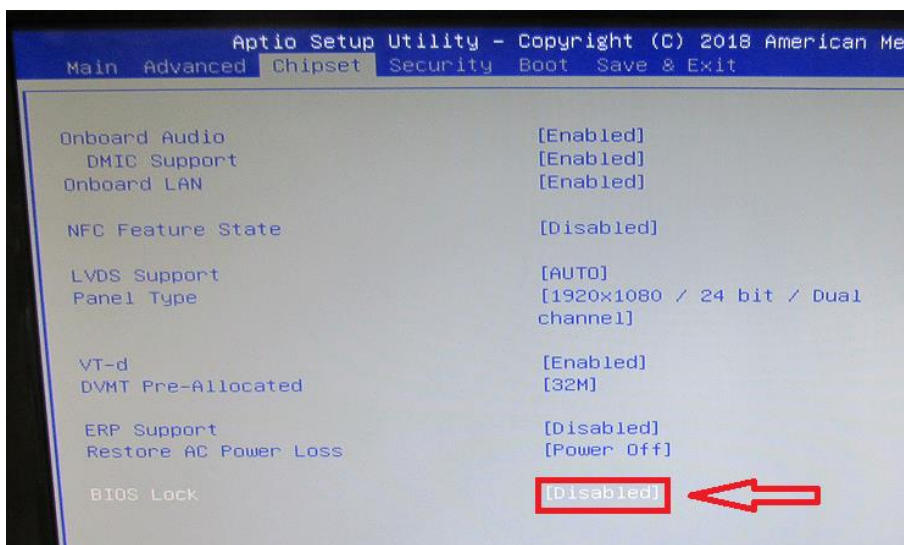
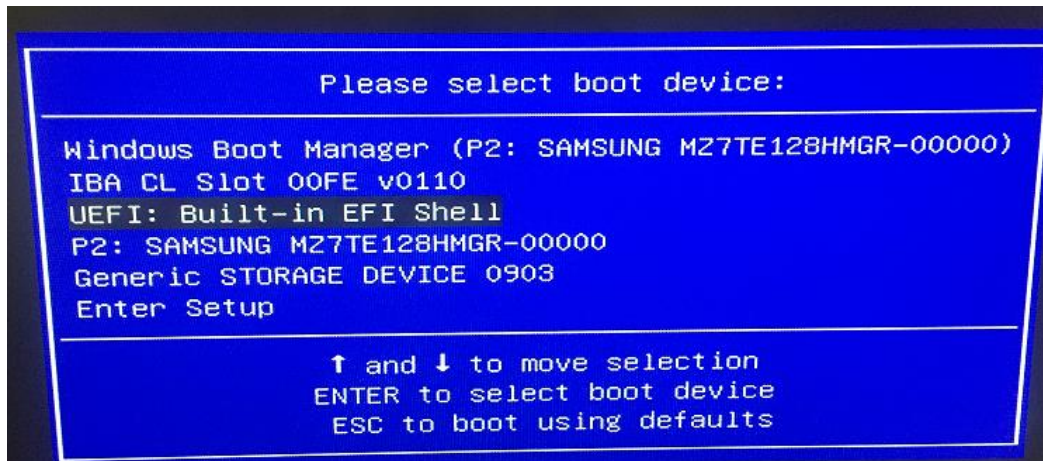


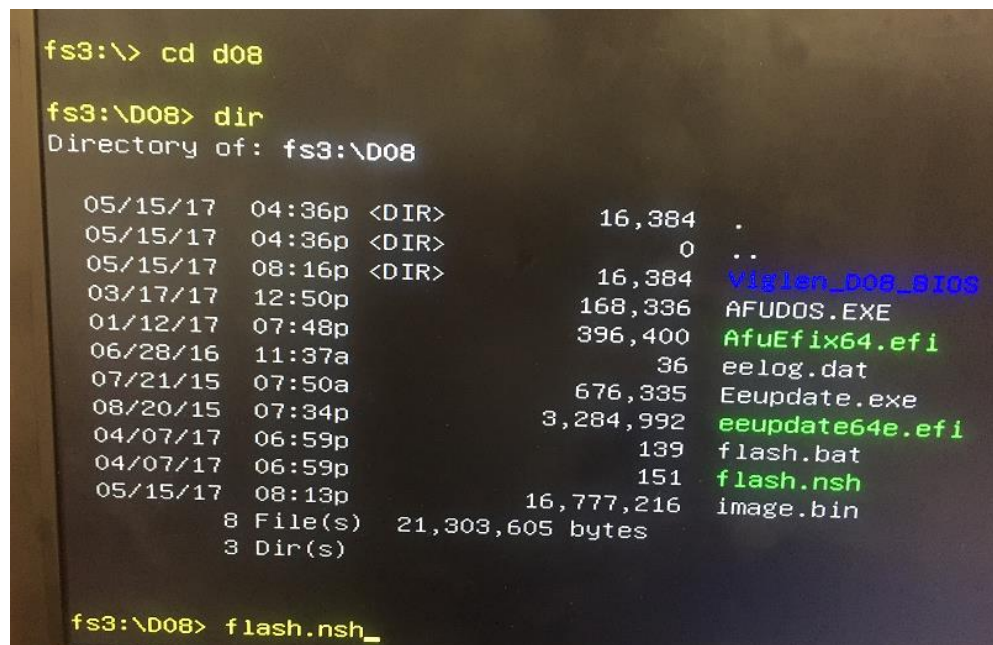
Figure 3 – BIOS lock 'Disabled'

BIOS Update Instructions for EFI-Shell:

1. Save BIOS, update zipped file to a temporary directory.
2. Extract the necessary files.
3. Copy the contents of the file to a bootable DOS USB formatted using FAT32/16 on a single partition.
4. Boot the target PC with the device connected or inserted.
5. Select <F12> during POST to display the Boot Menu
6. Select UEFI: Built-in EFI shell



7. Navigate to the removable USB device i.e. FS3:\ and press enter.



8. Type flash.nsh to start the BIOS update process.

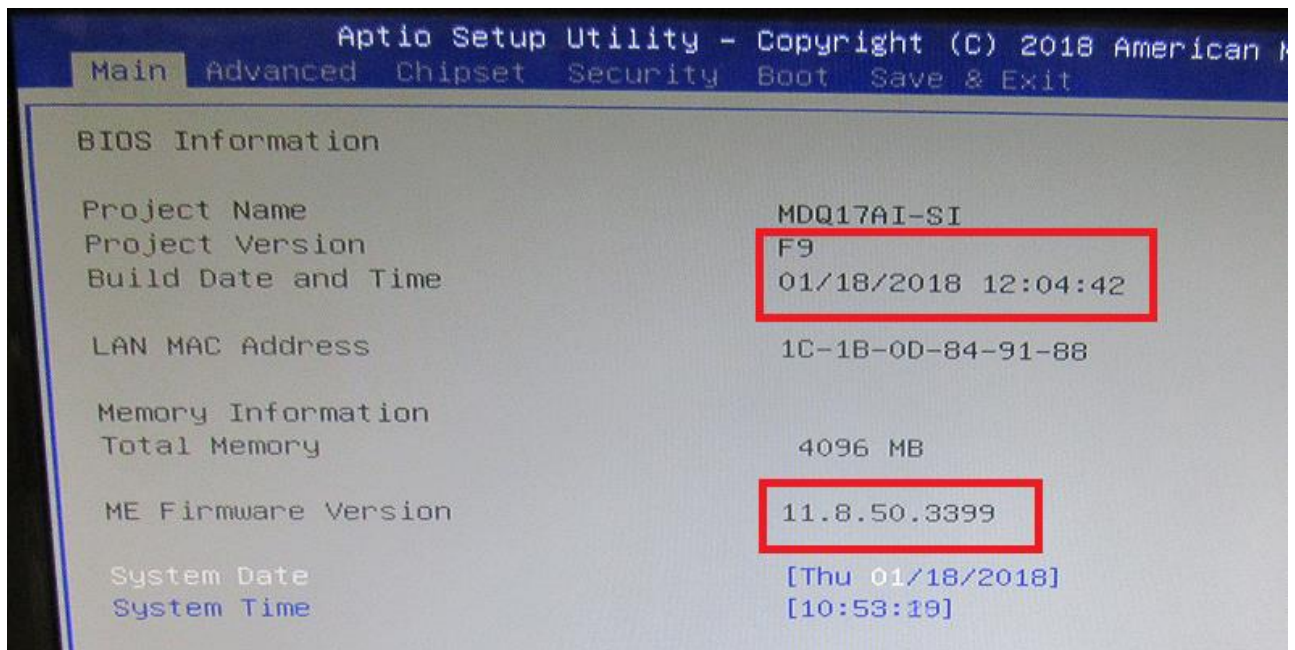
CAUTION!!! DO NOT POWER DOWN YOUR SYSTEM before the update is completed?

Once BIOS has been flashed successfully, following BIOS and ME firmware should be displayed.

BIOS Version: F9

BIOS Build Date: 01/18/2018

ME Firmware: 11.8.50.3399



Latest BIOS files and Utility are available from Viglen FTP site:

<http://download.viglen.co.uk/files/Motherboards/Vig850G/>

Additional information:

For BIOS, Drivers and Documentation enquiries please contact Viglen Technical Support Department at

technical-support@xma.co.uk.

Remember to include your PC serial number in all correspondence.