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 'F5' 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 boot, enter the BIOS setup by pressing 'F12' key.
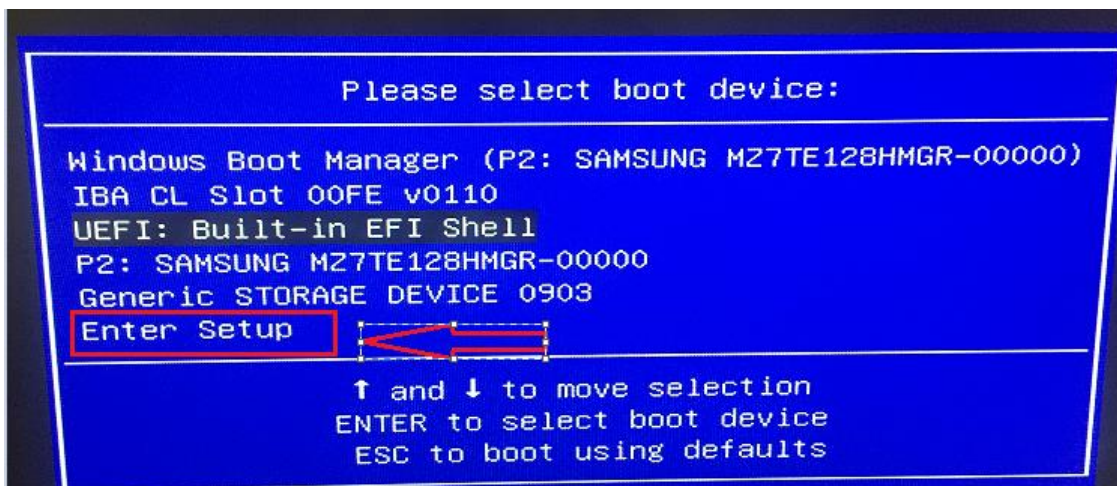2. Select 'Enter Setup'

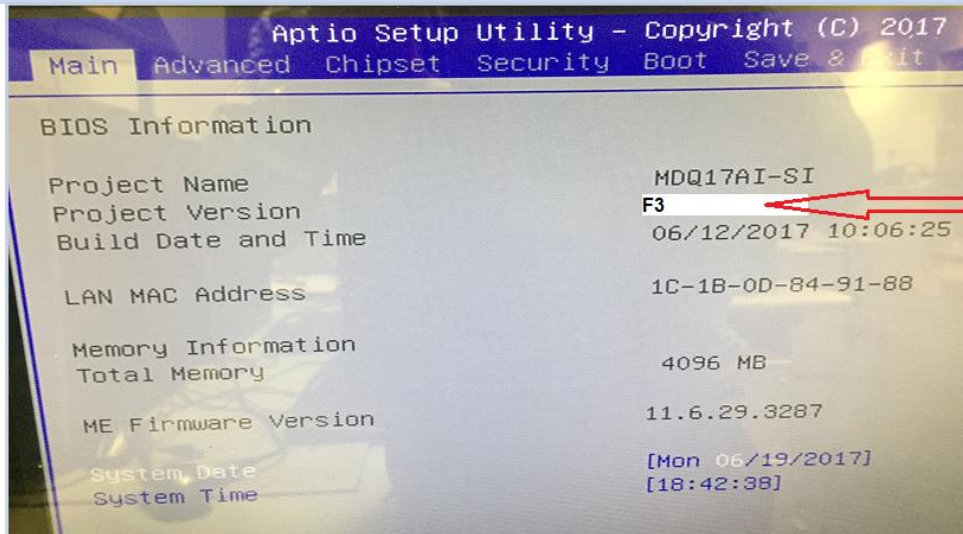**Figure 1-** Select 'Enter Setup'

Figure 2 – Sect the BIOS version

If the BIOS version is 'F3', you may continue to update the BIOS to version 'F5'. 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 'F5'

Please enable following settings in BIOS before updating the BIOS 'F5'.

- ME FW Image Re-Flash : Enabled

1. During boot, enter the BIOS setup by pressing 'F12' key.
2. Select 'Enter Setup'
3. Select 'Save & exit' from the Menu
4. Select 'ME FW Image Re-Flash' and set to **Enabled**
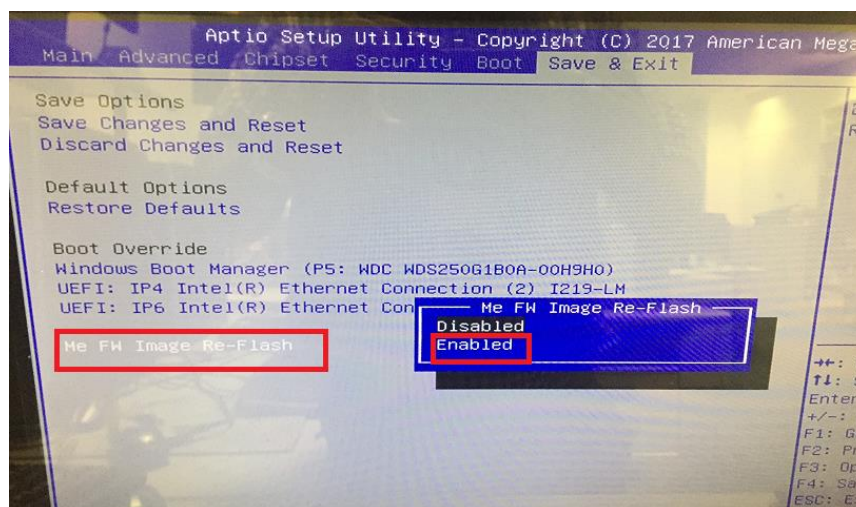5. Select 'Save changes and Reset'

Figure 3 – ME FW Image RE-Flash

There are up to three methods of updating BIOS to the latest Viglen approved version.
The number of options made available for any particular board may vary depending on BIOS
Support, drive support and BIOS update file size. You only need to use one.

- · DOS BIOS Updater
- · UEFI:Built-In EFI_Flash
- · Windows\WinPE BIOS Update
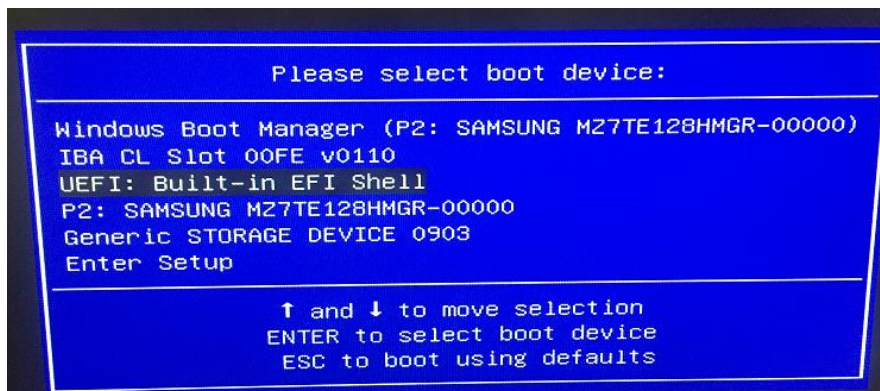
BIOS Update Instructions under DOS:

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 and select your bootable DOS device.

6. At the DOS prompt Type 'DOS_Flash.bat' to launch the BIOS updates process.

7. Reboot the system once complete.

8. Enter the BIOS Setup and Ensure to load the BIOS default settings to ensure system compatibility
and stability. Select the "Restore Defaults" option under the Exit menu.
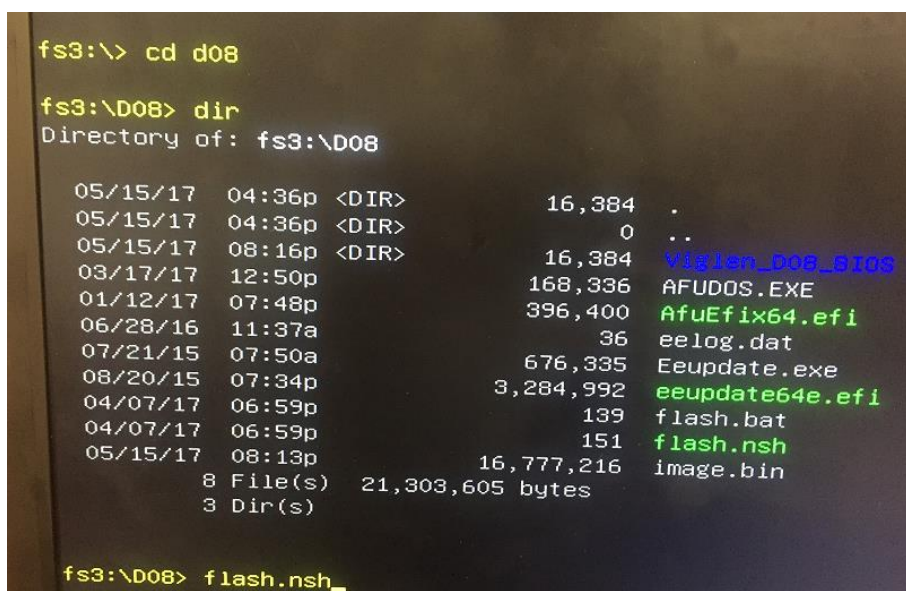

IMPORTANT!!!!!

**During the update process DO NOT shut down the PC or interrupt the process, this could cause
damage to the motherboard.**

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

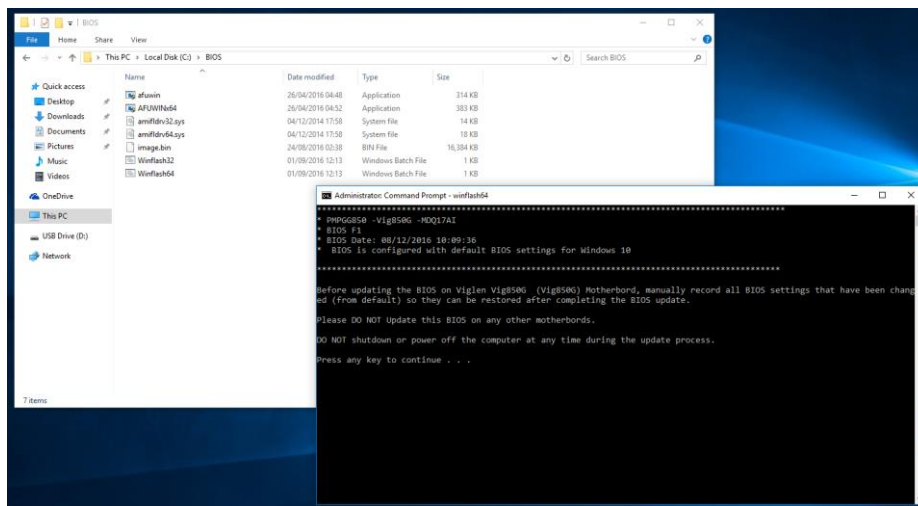7. Navigate to the removable USB device i.e. FS3:\ and press enter.

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

Windows\WinPE BIOS Update

1. Save the BIOS update file to a temporary directory.
2. Extract necessary files.
3. Open Commend Prompt
   a. Type 'CMD' under Search.
   b. Run Commend Prompt as Administrator

4. In commend prompt navigate to the extracted BIOS folder. (i.e. **_Win_D08**)
5. At the prompt, depending on a 32bit or 64bit operating system, type **Win32_flash.bat** for

   32bit or **Win64_flash.bat** for 64bit to launch the BIOS update process.

During BIOS update process, when prompted, press any key to continue the process.

6. BIOS update process will continue.

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

7. Once BIOS update is completed, the system will auto restart.
8. During system re-boot, load BIOS setup menu by pressing the < Del> key.
9. Load Default BIOS settings by browsing to the save and exit menu and select restore defaults
10. Press to save changes and reset.

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.