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## BIOS Update Instruction for the Vig740M Motherboard

### BIOS Version: E7994IV1.2B7 and E7994IV1.2B8

- 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.

Two BIOS files are available; only require one update depending on the installed Operating system

BIOS E7994IV1.2B7  
BIOS Date: 06/13/2018  
ME Firmware: 11.8.50.3399  
BIOS is configured with default BIOS settings for Windows 10

BIOS E7994IV1.2B8  
BIOS Date: 06/13/2018  
ME Firmware: 11.8.50.3399  
BIOS is configured with default BIOS settings for Windows 7

## Step 1: Windows\WinPE BIOS Update

1. Save the BIOS update file to a temporary directory.
2. Extract necessary files.
3. Open Command Prompt
  - a. Type 'CMD' under Search.
  - b. Run Command Prompt as Administrator
4. In command prompt navigate to the extracted BIOS folder. (i.e. **Win10\_E799IV1.2DD**)
5. At the prompt, type **flashBIOS.bat** to launch the BIOS updates process.

After BIOS update is completed system will re-start automatically.

### **IMPORTANT!**

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



```

C:\windows\system32>cd..
C:\Windows>cd..
C:\>cd C:\Win7_E7996IV1.2DB
C:\Win7_E7996IV1.2DB>dir
Volume in drive C is Windows
Volume Serial Number is FA21-AF07

Directory of C:\Win7_E7996IV1.2DB

10/01/2018  19:01  <DIR>          .
10/01/2018  19:01  <DIR>          ..
20/11/2015  14:46             393,840  AMIDEWINx64.exe
20/11/2015  14:46             1,484  AMIDEWINx64.txt
27/08/2012  02:35             15,640  AMIFLDRV64.sys
10/01/2018  10:30             1,049  BIOS.bat
10/01/2018  14:10           8,388,608  E7996IV1.2DB
26/09/2017  23:28             11,708  fparts.txt
26/09/2017  23:28           3,260,560  FPTW64.exe
26/09/2017  23:28             72,848  Idrvdl132e.dll
26/09/2017  23:28            125,072  Pmxdll32e.dll
24/01/2014  17:13             10,620  readme.txt
10/01/2018  10:28              652  UUID.bat
             11 File(s)    12,282,081 bytes
             2 Dir(s)  43,806,449,664 bytes free

C:\Win7_E7996IV1.2DB>

```

Figure 1 – Details of Extracted file

```

*****
* PMPMS103 -Vig103M Motherbord
* BIOS E7996IV1.2DB
* BIOS Date: 01/10/2018
* ME Firmware: 11.8.50.3399
* BIOS is configured with default BIOS settings for Windows 7
*****

Before updating the BIOS on Viglen Vig103M (Vig103M) Motherbord, manually record all BIOS settings that have been changed (from default) so they can be restored after completing the BIOS update.

Please DO NOT Update this BIOS on any other motherbords.

DO NOT shutdown or power off the computer at any time during the update process.

Press any key to continue . . .

```

Figure 2 –Programing the BIOS and ME firmware

```

*****
* PMPMS103 -Vig103M Motherbord
* BIOS E7996IV1.2DB
* BIOS Date: 01/10/2018
* ME Firmware: 11.8.50.3399
* BIOS is configured with default BIOS settings for Windows 7
*****

Before updating the BIOS on Viglen Vig103M (Vig103M) Motherbord, manually record all BIOS settings that have been changed (from default) so they can be restored after completing the BIOS update.

Please DO NOT Update this BIOS on any other motherbords.

DO NOT shutdown or power off the computer at any time during the update process.

Press any key to continue . . .

Intel (R) Flash Programming Tool. Version: 11.8.50.3399
Copyright (c) 2007 - 2017, Intel Corporation. All rights reserved.

Reading HSFSTS register... Flash Descriptor: Valid

--- Flash Devices Found ---
MX25L6473E ID:0xC22017 Size: 8192KB (65536Kb)

GbE Region does not exist.

- Reading Flash [0x03EB880] 4014KB of 8192KB - 49 percent complete.

```

Figure 3 – Updateing the BIOS and ME firmwrae