We are XMA.

BIOS Update Instruction for the Vig731M Motherboard
BIOS Version: E7A15IV1.1A5 and E7A15IV1.1A6

- 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.

Note: If the system is configured with ME firmware **11.0.0.1180**, please do not continue with BIOS upgrade process. Please contact Viglen technical support team for advice as special ME firmware BIOS update file will be required to update to ME firmware Version: **11.6.1.1142** first.

Identifying BIOS and ME Firmware

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

1. During boot, enter the BIOS setup by pressing Delete key.

2. Check the Main menu.

3. Under System information, ME firmware version is displayed.

Figure 1 – BIOS setup, ME firmware details

We are XMA.

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

E7A15IV1.1A5
BIOS Date: 08/06/2018
ME Firmware: 11.8.50.3399
BIOS is configured with default BIOS settings for Windows 7

E7A15IV1.1A6
BIOS Date: 08/06/2018
ME Firmware: 11.8.50.3399
BIOS is configured with default BIOS settings for Windows 10

Following Steps need to be carried out to complete the BIOS and ME firmware update process.

1. **Update BIOS and ME firmware to 11.8.50.3399**
2. **Reprogram UUID**

Step 1: Windows\WinPE BIOS and ME firmware 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. **Win10_E799IV1.2DD**)

5. At the prompt, type **flashBIOS.bat** to launch the BIOS updates process.

After BIOS update is completed system with 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.

Once BIOS update is complete, follow step 2 to reprogram the UUID.

We are XMA.

Figure 2 – Details of Extracted file

Figure 3 –Programing the BIOS and ME firmware

Figure 4 – Updateing the BIOS and ME firmwrae

We are XMA.

Step 2: Reprograming UUID

1. Load Windows after BIOS flash is completed (As per step 1)

2. Open Commend Prompt

    a. Type 'CMD' under Search.
    b. Run Commend Prompt as Administrator

3. In commend prompt navigate to the extracted BIOS folder. (as per step 1)

4. At the command prompt, type **flashUUID.bat** to program the UUID.

```
C:\Vig730M\Win7_E799IV1.2DC>dir
 Volume in drive C is Windows
 Volume Serial Number is 1621-0CBC

 Directory of C:\Vig730M\Win7_E799IV1.2DC

12/01/2018  17:41    <DIR>          .
12/01/2018  17:41    <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
12/01/2018  09:46         8,388,608 E7996IV1.2DC
12/01/2018  08:39             1,050 FlashBIOS.bat
11/01/2018  11:56               654 FlashUUID.bat
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 Idrvdll32e.dll
26/09/2017  23:28           125,072 Pmxdll32e.dll
              10 File(s)     12,271,464 bytes
               2 Dir(s)  40,789,041,152 bytes free

C:\Vig730M\Win7_E799IV1.2DC>flashuuid
```

Figure 5 – programming UUID

```
********************************************************************************
* PMPMS730 -Vig730M Motherbord
*
********************************************************************************

After BIOS update, UUID needs programmed on Viglen Vig730M  (Vig730M) Motherbord.

Please DO NOT run this Utility on any other motherbords.

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

+---------------------------------------------------------------+
|              AMIDEWINx64 Utility (Aptio)    v5.16             |
|      Copyright (C)2014 American Megatrends Inc. All Rights Reserved.  |
+---------------------------------------------------------------+

Initializing the SMBIOS interface.  Please wait a moment......
         Name                 R/W  Status  Information
------------------------- ---  ------  ------------------------------------
(/SU)System UUID            W    Done   "46A93113DBF7E711A6C01410EBA56800"

C:\Vig730M\Win7_E799IV1.2DC>
```

Figure 6 – Programming UUID