| **Product Model: EMB-H110B** | | **Date: 2018/09/11** | |
| --- | --- | --- | --- |
| **System BIOS: V04B9M10** | | **VBIOS: EHB0A\_skl\_9.0.1054.0.dat**  **GOP: EHB0A\_0\_Vbt\_9.0.1072.bin** | |
| **ME Type: Consumer**  **ME Version: 11.8.50.3434** | |
| **Released By:** Roy1 Tseng(曾一峰) | | | **Approved By:** Eric1 Lin(林志龍) |
| **Item.** | **Root cause and change description** | | |
| **01.** | Enable S3/S4 wake up by keyboard and mouse. | | |
| **02.** | Keep beep sound if no memory detected. | | |
| **03.** | Add the Onyx logo during POST. | | |
| **04.** | Customize the setup menu layout for customer. | | |
| **05** | Modify the HDMI port to DP. | | |
| **CPU Microcode** | | | |
| M22906EA\_00000084, M02906EB\_00000084,  M22506E8\_00000034, M2A906E9\_00000084  M22506E0\_00000012, M22506E1\_0000001E, M36506E3\_000000C2 | | | |
| **Remark** | | | |
| **Checksum (BY CS 1.1 or later):**  (ALL) Checksum =  **V04B8M10.bin: 63B6 h** | | | |
| **Note:**  Please execute the following batch files to update BIOS:  Step 1: Unzip the related files into USB floppy.  Step 2: Boot to setup menu to ensure the 1 boot priority is UEFI: USB floppy name.  Step 3: Reboot the system and enter in Shell. Under the correct fs: location, execute GO.NSH to update BIOS automatically. | | | |

| **Product Model: EMB-H110B** | | **Date: 2018/02/21** | |
| --- | --- | --- | --- |
| **System BIOS: EHB0AM33** | | **VBIOS: EHB0A\_skl\_9.0.1054.0.dat**  **GOP: EHB0A\_0\_Vbt\_9.0.1072.bin** | |
| **ME Type: Consumer**  **ME Version: 11.8.50.3434** | |
| **Released By:** Roy1 Tseng(曾一峰) | | | **Approved By:** Eric1 Lin(林志龍) |
| **Item.** | **Root cause and change description** | | |
| **01.** | Update ME FW to 11.8.50.3434 | | |
| **02.** | Upgrade to AMI Kabylake latest codebase 1ATQP048 | | |
| **03.** |  | | |
| **04.** |  | | |
| **CPU Microcode** | | | |
| M22506E8\_00000034 | | | |
| **Remark** | | | |
| **Checksum (BY CS 1.1 or later):**  (ALL) Checksum =  **EHB0AM33.bin: 5280 h** | | | |
| **Note:**  Please execute the following batch files to update BIOS:  Step 1: Execute BiosUpd.bat to update BIOS  Step 2: Execute MeUpd.bat to update ME firmware | | | |