VERSALOGIC
CORPORATION

April 1, 2019

Product Advisory #1719 VL-EPU-3310

This is a formal notification that a product supplied by VersaLogic Corporation is being revised. Our records indicate that your company has purchased this product.

Please read this notice thoroughly to determine what impact this change may have with regard to your currently owned product or future purchases from VersaLogic.

Affected Product

Product	Description	Old Product Revision Level	New Product Revision Level
VL-EPU-3310	Hawk Embedded Processing Unit	1.03 BIOS 1.03	1.04 BIOS 1.05

Changes Made to the Product

VersaLogic is updating the Intel® Atom™ Processor E3800 series (Bay Trail) silicon from D0 to D1 version. This change addresses Intel® Atom™ Processor E3800 series (Bay Trail) erratum VLI89.

VersaLogic is updating the BIOS for the VL-EPU-3310 (Hawk) to revision 1.05. The changes between BIOS revision 1.03 and 1.05 are as follows:

1. Updated CPU microcode to version M0F3067990A. This adds support for Intel® Atom™ Processor E3800 series (Bay Trail) D1 version silicon.
2. Changed the "Network" option default in "Advanced", "CSM Configuration" from "UEFI and Legacy" to "Legacy".
3. Changed the "Boot Option Filter" default in "Advanced", "CSM Configuration" from "Legacy" to "UEFI and Legacy".
4. Unhid the "Serial Port 1" option in "Advanced", "Module Serial Ports". The default remains "Disabled".
5. Enabled the "Hot Plug" option for PCI Express Port 0 only in "Chipset", "PCI Express Configuration". This resolves an Ethernet related Linux boot hang issue.
6. Changed the "SCC eMMC Support" option in "Advanced", "SCC Configuration" to "Enable eMMC 4.41 Support". This improves eMMC device detection after a cold boot.
7. Fixed a microSD card instability issue.
8. Updated Board Controller (BC) firmware to version 436 (no functional impact).

Customer Impact

Although none of the changes made should impact typical user applications, VersaLogic recommends validating system operation with the new BIOS version.

Fielded Units

Fielded units do not need to be updated. Unless there is a specific remedy included in this BIOS update that impacts a current customer issue, fielded units should be left as-is.
If desired, fielded units can be updated to BIOS revision 1.05 without returning them to VersaLogic. The BIOS can be downloaded from the VL-EPU-3310 support page.

Future Shipments

New revision boards will begin shipping in May, 2019.

Additional Information

For additional information or assistance related to this change, please contact VersaLogic Customer Support at Support@VersaLogic.com or call (503) 747-2261.