

M9036A-06

# Modification Recommended Service Note

Supersedes:  
NONE

## M9036A PXIe Embedded Controller

Serial Numbers: TW00000000-TW59450389

INTEL-SA-00115 Security Vulnerability Issue

### Parts Required:

P/N Description Qty.

NONE

### ADMINISTRATIVE INFORMATION

ACTION	X ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	0.5 Hours		
LOCATION	X CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	X SERVICE CENTER		X SEE TEXT		X SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	January 1, 2021		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	BL		
	X Calibration NOT Required	AUTHOR:	TP		

ADDITIONAL INFORMATION:

**Situation:**

Intel disclosed a security vulnerability in the Intel® Active Management Technology (AMT) firmware that ships in Keysight embedded controllers with affected serial numbers listed above. The vulnerability can allow an unprivileged attacker to gain control of the manageability features provided by this technology. For more information, refer to [INTEL-SA-00115](#).

Verify that your M9036A is not vulnerable with steps below.

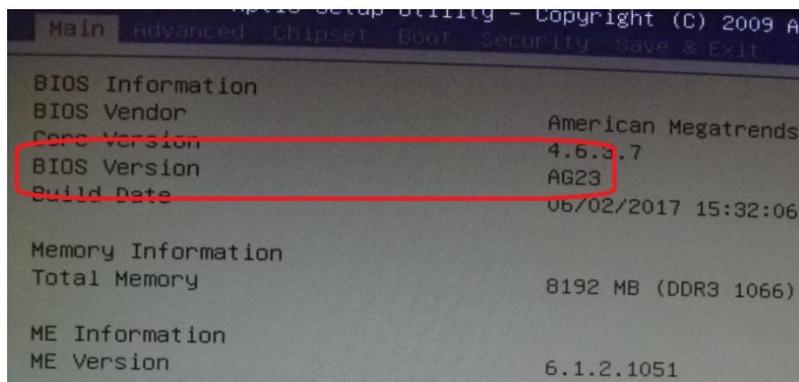
1. Power on or reboot your M9036A controller.
2. Press the <Delete> key when the controller beeps. This should be concurrent with the main startup screen. The BIOS setup program loads after a short delay.
3. At the BIOS Main Setup screen, verify that the BIOS Version is AG25 or later.

**Solution/Action:**

Keysight strongly recommends taking the action specified below for the affected embedded controllers.

Update the BIOS to version AG25 or later.

1. Make sure you have BIOS version AG25 or later loaded. You can see the BIOS version from the BIOS Main Setup screen as pictured below. If you need to update the BIOS, follow the instructions at [M9036A BIOS Downloads](#) to update.



2. Verify your embedded controller is not vulnerable with the steps above in the Situation section.

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
06 Dec 2019	01	TP	As Published

