

M9537A-04

Modification Recommended Service Note

Supersedes:
NONE

M9537A AXIe High Performance Embedded Controller

Serial Numbers: TW00000000-TW56330709

Manufacturing ID Number: 1C00000000-1C56330709

Intel Active Management Technology Escalation of Privilege

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	
CATEGORY:	<input type="checkbox"/>	ON-SITE (active On-site contract required)	USED	<input type="checkbox"/>	RETURN	
	X	SERVICE CENTER	INVENTORY:	<input type="checkbox"/>	SCRAP	
	<input type="checkbox"/>	CHANNEL PARTNERS	X	SEE TEXT	PARTS:	
					<input type="checkbox"/>	SCRAP
					X	SEE TEXT
AVAILABILITY:		PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	December 1, 2018		
	<input type="checkbox"/>	Calibration Required	PRODUCT LINE:	BL		
	X	Calibration NOT Required	AUTHOR:	TP		

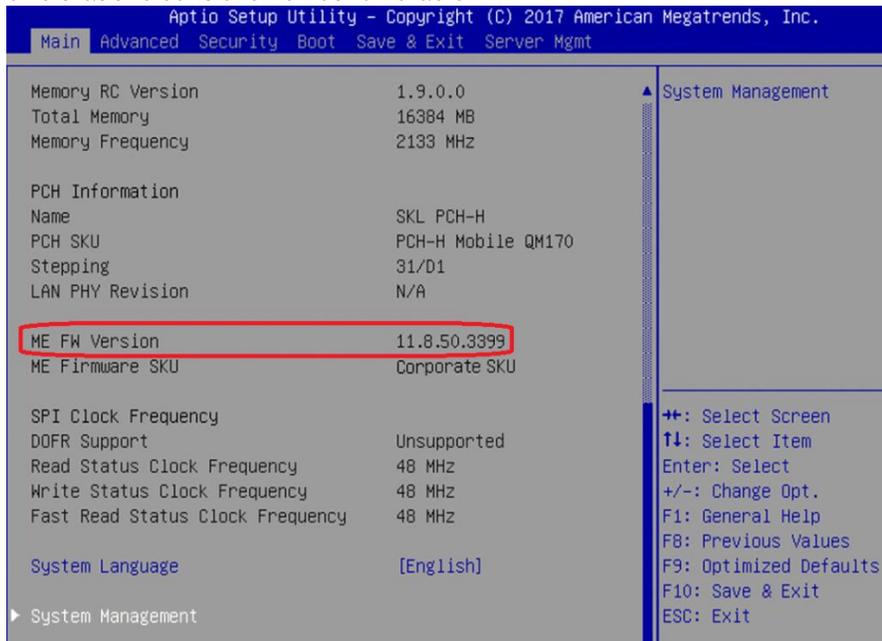
ADDITIONAL INFORMATION:

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-00086](#).

Verify that your embedded controller is not vulnerable with steps below.

1. Power on or reboot your embedded 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 “ME FW Version” is version 11.8.50.3399 or later. Below picture shows that this controller is not vulnerable.



Solution/Action:

Keysight strongly recommends taking the actions specified below for embedded controllers with affected ME firmware. There are two options you can choose from to mitigate the issue.

Option 1: Update the BIOS to version SL06 or later by following the instructions at [M9537A BIOS Downloads](#).

Option 2: Refer to the [Intel SA-00086](#) for the steps to mitigate.

Revision History:

Date	Service Note Revision	Author	Reason for Change
28 Nov 2017	01	TP	As Published