intel® Technical Advisory

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CMOS Settings May Need to be Reset

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Products Affected
SLWBRF5 with the serial numbers between KKBA0030001 - KKBA0030300.

Description
The system may boot with incorrect BIOS configuration settings resulting in unintended system operation. For example, the BIOS SETUP 'Cache Memory' setting appears as 'Disabled' on systems that are affected by this problem.

Root Cause
The BIOS configuration settings that are stored in non-volatile CMOS RAM must be cleared to their default values following a Flash update of the system BIOS. When the systems above were updated to the latest BIOS in the factory, an error in the test procedure resulted in the CMOS settings not being properly reset to their defaults.

Corrective Action / Resolution
The BIOS CMOS should be reset to factory defaults. This can be accomplished by either of the following methods:

BIOS SETUP
1. Enter the BIOS SETUP by hitting the <F2> key during POST.
2. When the BIOS setup screen is displayed press the <F9> key.
3. Select [Yes] at the message: "Setup Confirmation Load default configuration now? [Yes] [No]".
4. Press the <F10> key to save settings and exit SETUP. System will reboot with setup defaults.

   OR

NVRAM Jumper
1. Power off the system, remove the cover, and move jumper J2J1 from the default setting (pins 1-2) to pins 2-3.
2. Power the system on and let it run through POST. The system will then stop with a message saying: "NVRAM Cleared by Jumper Press <F1> to resume, <F2> to Setup".
3. Power off the system.
4. Set the jumper back to pins 1-2.
5. Replace the cover. When powered on, the system will now boot as normal.

Please contact your Intel Sales Representative if you require more specific information about this issue.

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