

# BMC Firmware Release Notes

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<b>Product Name</b>	<b>X13QEH+</b>
<b>Release Version</b>	<b>01.02.03</b>
<b>Build Date</b>	<b>2/20/2024</b>
<b>Previous Version</b>	<b>01.01.07</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<ul style="list-style-type: none"><li>• SMC-2024010010 Command Injection attack</li><li>• SMC-2024010011 XSS attack</li><li>• (CVE-2023-33413) SMC-2024010012 Command Injection attack</li><li>• The BMC configuration file generated in BMC firmware older than Rev. 1.02.xx can't be imported.</li></ul>
<b>Enhancements</b>	<b>None</b>
<b>New features</b>	<b>None</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. BMC Lower Threshold VCCIN value set high.</li><li>2. Fixed CVE-2023-4879 Terrapin Attack.</li><li>3. (CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability.</li><li>4. SMC-2024010010 Command Injection attack.</li><li>5. SMC-2024010011 XSS attack.</li><li>6. (CVE-2023-33413) SMC-2024010012 Command Injection attack.</li></ol>

**01.01.07 (1/16/2024)**

1. No related MEL is generated after the SMTP sender's address is removed.
2. After the BPN CPLD update progress is completed, 1) BPN CPLD update missing from the WebGUI, 2) BPN CPLD revision showed on the WebGUI is incorrect, and 3) 12pcs of drive missing from the WebGUI.
3. After updating BPN CPLD, power control (excluding power reset) becomes malfunctioning.
4. No [MEL-ID] for MEL "The Rollback ID of the new firmware is higher than the current one in the system.
5. Shared LAN link speed is incorrect.
6. CombinedECO – TC 0019 fails due to cannot Set DateTime TimeUpdateMode TimeZone DayLightSaving Configuration.
7. Seamless update isn't working.
8. [ECO] Automation TC 0019 keep getting fail.
9. [ECO] Combination Automation TC 2097 keeps getting "IndexError: list index out of range".
10. [ECO] NEW BMC 01.01.04 cause fail for ECO automation.
11. [ECO] When using the BMC 01.01.04 when sensor voltage goes below the thresholds, it doesn't trigger and fail.
12. Redfish automation test failed.
13. [Urgent] When only inserting CPU1, the sensor list shows all four CPU values on the sensor.
14. [ECO] Automation test case 2097 Seamless update feature not working on 01.01.06 and 01.01.04.
15. CombinedECO automation test failed.
16. Running GetCPLDInfo on SUM returns 'IPMI execution failed'.
17. No edit button for the RADIUS Server address
18. Row 3 on Virtual Media is not working when mounting ISO file.

**01.00.12 (3/16/2023)**

1. Redfish Automation Tool check (Fail: Check all NVMeSSD-related URIs for storage).
2. IPMI NVMe eject is ok but sometimes will be logged as an "exception" under Task List.
3. [X13QEH+ Crash Dump] Behaviors of error type UPI UCE doesn't follow the specs.
4. [IPMI] IPMI NVME eject fails when "All" device is selected.
5. [IPMI Beta ECO] IPMI Sensor Threshold High CT has the wrong value.
6. [IPMI Beta ECO] IPMI sensor Threshold Low CT has the wrong value
7. NVMe hot plug detection and LED failed for slot 2 through slot 7.
8. Fixed the low CT and low NR of System Temp and Peripheral Temp, which show NA in Temperature Threshold.