

BMC Firmware Release Notes

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Product Name	X13SEDW-F
Release Version	1.01.11
Build Date	8/18/2023
Previous Version	1.00.31
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. KVM launched and closed MEL should display user ID. 2. Support two BPN-NVME5-826N-B2B. 3. Incorrect MEL resources for CPLD Update GD.
New features	1. Auto Daylight Saving Time. 2. Fix IPMI LAN set IPSRC for DHCP to static IP missing. 3. Task Queue and Task List. 4. Upgraded the Ethernet Interface version from v1.6.2 to v1.6.3 to align spec. 5. Dark Theme updated. 6. Support fixed boot order.
Fixes	1. System Lockdown Storage Monitoring Physical View buttons are enabled while drive selection is disabled. 2. Changed BIOS password fail.

	<ol style="list-style-type: none"> 3. MEL Log msg is incorrect when configuring Syslog. [155473] - Saving Syslog produces MEL even when there are no changes in the values. 4. Chassis intrusion Reset button is not grayed out when System Lockdown Mode is on. 5. BPN CPLD version number is incorrect if BPN CPLD FW image has no user code. 6. [Seamless Update 1.0a] There is an unnecessary BMC Maintenance Event Log when MCU Capsule downgrade. 7. Secure Erase on 3808 failed. 8. NIC health transition event logs during DC on/off. 9. Accept IP access control with prefix 0. 10. Modified the data length check of OOB preserve command - 0x30 0xA0 0x15. 11. Correct UUID format. 12. BMC mount ISO to install O.S. Can't install successfully. 13. AOC-E810-2CQDA2 Info and Temperature Sensor Missing. 14. Incorrect MEL "SMTP User Name was configured to successfully." 15. AD related MEL should not show when set up LDAP and Radius. 16. Clearing BMC maintenance event log via IPMICFG will also delete all SEL records. 17. Unable to close pop-up window under System lockdown mode. 18. [MEL-0028] AD related MEL should not show when set up LDAP and Radius. 19. User is able to click delete button on system lockdown mode. 20. DMTF/Redfish standard API support test failed. 21. Web GUI crashed after uploading product key with invalid file. 22. Failed to use Secure Erase with SAS 3816 IR card on X13SEM-F.
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	<p>23. IP changed after running raw command.</p> <p>24. Network Setting page can now save with only one Dedicated LAN speed capability.</p> <p>25. Support new Intel PVC GPU (DID: 0x0BDA).</p> <p>26. Radius packet did not follow RFC2865.</p> <p>27. Authentication Protocol and Encryption Protocol Range setting did not match Wiki spec (Each field 1.32) for SNMPv3.</p> <p>28. The error message incorrect when launching more than four iKVM sessions</p> <p>29. VM cannot save valid IPv6 address with port.</p> <p>30. iKVM default setting is not HTML5 after factory default.</p> <p>31. "Number" should be translated to Simplified Chinese and Japanese at Virtual Media page.</p> <p>32. "Export to Excel" button should be translated to Simplified Chinese and Japanese at Sensor page.</p> <p>33. Will display a prompt window similar to the one for switching on lockdown mode.</p> <p>34. Sensor name is not same between WEB and SMCI PMI Tool. (Chassis Intrusion)</p> <p>35. Buttons and icons of Virtual Media page can operate while System Lockdown enabled.</p> <p>36. Shared LAN only SUT display Failover and Failover-Onboard radio buttons on the web GUI.</p> <p>37. With HBM CPU, only partial memory modules are listed in IPMI Web GUI memory info.</p> <p>38. BMC GUI sensor arrangement order is not stable.</p> <p>39. SYS-221BT-HNR AOC Health Status Issue.</p> <p>40. Hostname update/remove has duplicate record in MEL.</p> <p>41. Keep unique password when restoring IPMI config.</p> <p>42. Virtual media OEM command issue.</p>
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	<p>43. Some function of Account Services/Network/BMC Settings could be configurable by "User Privileges."</p> <p>44. AOC-S25GC-i2S thermal sensor is lost when executing DC on/off test item.</p> <p>45. User only can enter 63 characters for SNMPv3 Authentication Key and Encryption Key.</p> <p>46. Username string length only supports to 16 and not 31 for SNMPv3.</p> <p>47. Sensors changed abnormally once sensor type category is selected.</p> <p>48. The order of LAN Interface on Web UI did not follow specs.</p> <p>49. Support X13 Simply Double SKU.</p> <p>50. Login RADIUS account.</p> <p>51. During System Lockdown, Date and Time, Auto Daylight Savings Time switch are not disabled when it should be.</p> <p>52. "Background-color" of input field on both "Network" and "Port" tabs are the same as page background.</p> <p>53. The content loss and incorrect of Share LAN when set option to "Shared-AIOM2," "Shared-AOC," and "Shared-AIOM1."</p> <p>54. "Enable TSIG Authentication" switcher doesn't disable when DDNS is off.</p> <p>55. Failed Login Attempt Lockout Threshold radio buttons aren't all disabled for Operator and User privilege.</p> <p>56. MEL is incorrect when disabling Host Interface.</p> <p>57. Virtual media displays "This function requires SFT-OOB-LIC license!" tip when both DCMS and OOB keys have been activated.</p> <p>58. IP Access Control page can be edited/deleted by user privileges.</p> <p>59. IPMI Web GUI main menu ordered incorrectly in Safari.</p>
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	<p>60. BMC GUI "System Health" status did not change to critical condition when system fan fail.</p> <p>61. [GUI] SSL Certificates not match with Web UI spec definition (New Product Key <-> New Private Key).</p> <p>62. Dynamic DNS Server Address default value did not match with each field definition.</p> <p>63. Failed to upload valid TSIG files.</p> <p>64. When entering the username in an incorrect format, the error message displayed is incorrect.</p> <p>65. Syslog packet did not follow RFC3164.</p> <p>66. DMTF validator failure.</p> <p>67. [AOC-ATG-b2TM] NIC firmware update hangs on uploading when using latest BMC firmware on X12DPT-B6.</p> <p>68. VLAN Tagging test failed.</p> <p>69. [OSS] Login UI display is abnormal after performing Factory Default.</p> <p>70. Virtual Media -- Checkbox and Connect icon style did not follow the spec.</p> <p>71. Error message did not appear when uploading XML file during BIOS update.</p> <p>72. Added DHCP DNS needed to generate MEL.</p> <p>73. Failed to block download BIOS/BMC Evidence with no license.</p> <p>74. Did not translate LLDP page to selected language.</p> <p>75. Cannot disable Dynamic DNS if TSIG is enabled. Have to disable TSIG first.</p> <p>76. Failed to display IPv6 link local address.</p>
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Release Notes from Previous Release(s)

1.00.31 (2/17/23)

1. When NTP is disabled, the user cannot modify the time zone from the Web.
2. Added Hot Spare in Redfish API and WEBUI.
3. Support AOC-SLG4-2H8M2, AOC-S3808L-L8IR and AOC-S3816L-L16IR.
4. Added the network AOC inserted Web UI.
5. Redfish method to set BMC LAN interface.
6. Support Motherboard CPLD Golden Image Version Display.
7. Support Motherboard CPLD Golden Image Update.
8. Share LAN does not work when the AIOM card disables AUX power under S5.
9. Upgraded X13 crash dump version to 2.0.2.
10. The health event log (SEL Version, Free Space, Recent Added /Erased time is empty.
11. User and source of MEL should not show N/A after VM mount image.
12. Half of IPMI Web GUI Remote Console Showing In PXE.
13. Extended the size limitation of certificate and key files.
14. Removed rollback ID configuration page, rollback ID always updates when the firmware updates.
15. Lost PFR image version on web.
16. Network AOC Health status abnormal on BMC web GUI.
17. Shouldn't allow user to input invalid value as DNS server IP.
18. 'ON' string with UID enable button is not middle align.
19. DIMM sensor readings on IPMI do not update.
20. No physical drives info and controller view on IPMI.
21. PCI SERR and OS Kernel Panic during IPMI 1.00.18 BMC update.
22. SOL text is shown incorrectly on BH12SSI platform.
23. "Duplicated Data" prompt message is not corresponding on selected "Policy"(ACCEPT/DROP).
24. Fixed Content-Length value is different from the Message Body length.
25. Response is incorrect when clear IPv6 null address via smc ipmi tool.
26. The BMC can't get correct the health status of the NIC.
27. Fixed Network AOC page with two AIOM.
28. Error HTTP message format at X13 and X12 redfish (/redfish/{string}.IKVM).
29. No MEL is generated when attempting to log in with the wrong password on Web.
30. A warning message should not pop up when adding a different "Policy" with the same IP/Prefix Length.
31. Content-Length value is different from the Message Body length.
32. The password for factory setting should be a unique password.
33. The frame of "SNMPv2" help window is not complete at the right-hand side (Japanese).
34. Return two json data and cause error reply at H12 redfish (/redfish/v1/AccountService/Accounts/{num}).
35. Fixed the wrong BPN CPLD version on the firmware upgrade web page.
36. Fixed some Event log time zone that is incorrect and not follow the latest MEL SPEC.
37. Enabled Stateless Address Auto Config in Redfish ethernet Interface.
38. Set HTML5 console as default selection.
39. IPv6 auto-config option will be enabled after setting other network parameters.
40. Avoid path traversal payload download/delete files.
41. It should be forbidden to input a decimal point value at "Host IP Address."
42. Username should not allow "!" which does not match with specs.
43. "Duplicated rule" prompt message and behavior are not the same as the X12 UI SPEC definition.
44. Prevented unspecified address and loopback address are added to the static IPv6 addresses.
45. Doesn't show any pop-up message when pressing down the reload button without the BMC configuration file.

- 46. Task list event log (Disk number) is incorrect when using Storage monitoring to turn off (unblink) NVMe backplane LED.
- 47. Unable to delete Username under SMTP once filled in.
- 48. Doesn't translate English to the language in use.
- 49. DNS server IP became 0 when saving it as empty.
- 50. Not clear Mel generated after the host name is set to blank and saved.
- 51. Virtual Media page will be blank after clicking Mount button for many times and relaunching.
- 52. Port save without changes error message.
- 53. Should not show warning message after changing syslog Server with an illegal syslog server.
- 54. CPU In Yellow Health Status After Flashing IPMI FW 1.00.28. "System" tab on IPMI web GUI keeps turning yellow during "On/Off" test on IPMI version 01.00.28.
- 55. BMC 1.02.55 failed to auto switch SAS controller i2c mode into PCIe mode. AOC-S3908L-H8iR-16DD is not recognized by the IPMI due to OOB protocol auto switch is not functional.
- 56. Help page link naming confirm.
- 57. IPMI config web session not saved.
- 58. Not clear MEL when saving the hostname.
- 59. BMC web GUI reporting link speed as 16GT/s for PCIe Gen 5 device instead of 32GT/s.
- 60. All sensors dropping during DC On/Off testing.
- 61. BMC 1.00.25 failed to auto switch SAS controller i2c mode into PCIe mode.
- 62. Web GUI AIOM temp shows not supported on Network AOC page but is good on the Sensor page.
- 63. Wrongly clear preservation selection while clicking Power switch on the top right side.
- 64. FD Reset ADMIN/ADMIN does not work after UID Button 12s Factory. FD Reset ADMIN/ADMIN does not work after factory default reset.
- 65. Newly added link IPV6 addresses are unavailable.
- 66. Multi Node attribute 'POST CODE' is wrong when translated to Japanese and Simple Chinese.
- 67. The Introduction about Remote Control is incorrect at the HELP page.
- 68. BMC reset for new SSL certificate to take effect.
- 69. [AOC-SLG4-2H8M2] AOC-SLG4-8H2M2 BIOS boot mode is incorrect on Storage Monitoring.

1.00.18 (10/31/22)

- 1. *SSM Diagnose System fail on the X13SEED-F - [SSM v5.3.0 build 1208] Redfish Command Diagnose System Failed on X13SEM-TF.*
- 2. *Changed the response data of IPMI OEM command - Get OTP board serial number to align with the new IPMI command format.*
- 3. *Integrated the new DDR4 driver to improve timing and signal quality in AST2600.*
- 4. *Updated network hostname format.*
- 5. *Web GUI does not correct the decimal value to integer for Host IP.*
- 6. *Too many NIC events log about "Health transition to Normal from Unknown."*
- 7. *Cannot set IP 0.0.0.0 on the BMC setting on the SNMP Trap Receivers on the X13SEDW-F.*
- 8. *Added MEL IDs to firmware update started/completed MELs.*
- 9. *Uploaded correct bin type should not return "Invalid file type!" message.*
- 10. *Error Message Display Behaviors and MELs were added - Upload invalid license key will not generate unsuccessfully MEL event log.*
- 11. *Input exist "Port number" should not return Oops! error message.*
- 12. *"Hostname" field only supports a-z, A-Z, and 0-9 characters on the Network page.*
- 13. *Upload correct bin type should not return "Invalid file type!" message.*
- 14. *Configuration backward compatible issue in 01.02.40.*
- 15. *Set correct max alert count to 15.*

16. The order of the AOC Temp Sensors is out of order.
17. BPN CPLD update failed somehow in 01.00.08
18. IPMI upload config message now changed.
19. Disabled Launch SOL now has notification and redirects to the ports page.
20. Synced MEL when VM Setting or Port is changed.
21. Modified AD Account with sAMAccountName.
22. Fail to launch HTML5 web console after reset.
23. Fixed the NTP setting not syncing after BMC reboot when setting invalid NTP server.
24. Abnormal behavior on MEL page if log in in the other way.
25. [EVT] BMC event for PSU sometimes cannot show PSU index.
26. Unable to update backplane CPLD using IPMI Web.
27. "Enable Smart Power Event Log" should not show up unsupported platforms.
28. Going from the Smart Power page to the Power page should not make the pages display oddly.
29. Redfish automation test failed.
30. There's authentication dialog when BMC WEB timeout.
31. Inaccurate MEL after setting Community String of SNMPv2 to empty - Manual recover event log is not following the latest MEL SPEC.
32. Error message after modifying Web port and Web SSL port.
33. BIOS ECO automation tests failure.
34. IPMI Web DHCPv6 check fail.
35. Empty or out of range VLAN ID is not allowed now. "VLAN ID" should be disallowed to set to empty.
36. Unclear MEL when setting Alert's subject to empty.
37. Inaccurate hint when setting Authentication key and Encryption key with a space.
38. AOC-SAS3-9361-24I cannot display on BMC sensor.
39. PSU missing during AC on/off test.
40. Unable to set Community String of SNMPv2 back to empty once set with a value.
41. Error message occurred after modifying and saving Host IP Address.
42. "VLAN ID" default value should be preset to 1 not 0.
43. It has an IPv6 format error. (Test case 122) on the X13DSF-A.
44. Saving "IPMI LAN" port to 65535 is successful but set to default number 623.
45. Help window should not empty when without "License Activation" key.
46. Modified IPMI LAN port should now show MEL correctly.
47. Modified SSH port should now show MEL correctly.
48. Modified IKVM port should now show MEL correctly.
49. Modified SNMP port should now show MEL correctly.