

## BMC Firmware Release Notes

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<b>Product Name</b>	<b>X13SEM-F_TF</b>
<b>Release Version</b>	<b>1.02.06</b>
<b>Build Date</b>	<b>12/13/2023</b>
<b>Previous Version</b>	<b>1.01.10</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. RoT State changed to disabled after factory reset.</b>
<b>New features</b>	<b>1. Added Super Diagnostics Offline in Redfish.</b>
<b>Fixes</b>	<b>1. Enabled USB Lan 2 options feature (WEB). 2. OpenJDK support. 3. Operator cannot have Full Access to Event Log. 4. Support BIOS attribute name without seq num. 5. Support 2 options switch for USB LAN. 6. The NVMe temperature was sometimes 45°C. 7. Redfish inconsistency. 8. Modified Redfish privilege and license check for Redfish_1_11_API_full_list_20230918 update.</b>

	<ul style="list-style-type: none"><li>9. Added SPS version and Microcode version to firmware inventory.</li><li>10. Took a long time to prepare sensor ready affected functions: Sensor</li><li>11. Feature support LDAP StartTLS.</li><li>12. Fixed RMCP connection lost during SPM test.</li><li>13. Supported KCS disable function.</li><li>14. No main menu on IPMI Web when using iPhone to open x13sedw IPMI Web GUI.</li><li>15. BMC Host Interface becomes "Disabled."</li><li>16. Added MEL after changed Host Interface "RNDIS Connection" or "CDC-ECM Connection."</li><li>17. Added Property "Product" for /redfish/v1.</li><li>18. IPMI ECO automation TC2029 failed: BIOS evidence download fails.</li><li>19. fixed Virtual Media did not allow domain URL with port.</li><li>20. Set power limit 0 to Node Manager failed.</li><li>21. Toggling the system power will create repeated "Host FW password has been removed / auto-generated" entries in the MEL.</li></ul>
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**1.01.10 (8/9/2023)**

1. Added Redfish 2020.3 related features. X13 On-Demand, Intel SDSi, network enhancement feature, MEL 1.05 and SEL 1.36.
2. Added support for Motherboard CPLD Golden Image Version Display.
3. Added support for Motherboard CPLD Golden Image Update.
4. Added Task Queue and Task List.
5. Added Auto Daylight Saving Time.
6. Added WebGUI Dark Theme.
7. Added support for fixed boot order.
8. Fixed Redfish automation fails: [154769 [150623] [153747].
9. Fixed NIC health transition event logs during DC on/off.
10. Fixed accepting IP access control with prefix 0.
11. Modified the data length check of OOB preserve command to 0x30 0xA0 0x15.
12. Corrected UUID format.
13. Fixed wrongly clearing preservation selection while clicking the power switch in the top right of the WebGUI.
14. Fixed BMC reset for a new SSL certificate to take effect.
15. Network Setting Page can now be saved with only one dedicated LAN speed capability.
16. Fixed ipmi lan set ipsrc for DHCP to Static IP missing.
17. Fixed buttons and icons of the Virtual Media page in the WebGUI operating while in System Lockdown.
18. Fixed several Redfish automation test fails: [156892] [156925] [156146] [156900].
19. Fixed Redfish automation fail: [157566].
20. Added Security States Monitoring in Redfish.
21. Fixed three Redfish TC fails: [158741].
22. Fixed IPMI ECO automation test failure: [156927].
23. Fixed user name string length only supporting up to 16 characters instead of 31 for SNMPv3.
24. Fixed IPMI ECO Automation test fail: [156405]. Fixed IPMI ECO automation test fail: [156554].

**1.00.25 (1/4/2023)**

1. When the NTP is disabled, the user cannot modify the time zone from WEB.
2. Use the Redfish method to set the BMC LAN interface.
3. Removed rollback ID configuration page. The rollback ID always updates when updating the firmware.
4. Lost PFR image version on the web.
5. Enable StatelessAddressAutoConfig in Redfish ethernetInterface.
6. Set HTML5 console as the default selection.
7. The IPv6 auto-config option will be enabled after setting other network parameters.
8. Fixed the change BIOS password failure.

**1.00.18 (10/31/2022)**

1. Fixed the following two issues:

2. *SSM Diagnose System failed on the X13SEED-F*
3. *Redfish Command Diagnose System failed on X13SEM-TF*
4. *Fixed 500 Internal error at CertificateService.GenerateCSR Redfish API.*
5. *Changed the response data of the BMC OEM command and aligned the OTP board serial number with the new BMC command format.*
6. *Integrated new DDR4 driver to improve timing and signal quality in AST2600.*
7. *Updated network hostname format.*
8. *Enabled WebGUI to round decimal numbers to the nearest integer for Host IP.*

#### **1.00.13 (09/22/2022)**

*Fixed the following issues:*

1. *01.02.40 configuration backward compatibility issue.*
2. *Set the correct maximum alert count to 16.*

#### **1.00.08 (08/12/2022)**

1. *Fixed IPv6 format error on the X13DSF-A*
2. *Removed license key check in system troubleshooting WEBGUI page*
3. *Fixed the LED blinking action, it is too slow*
4. *Added Error Message Display Behaviors and MELs*
5. *Updated BIOS golden/backup without interrupting host power status*
6. *Added support: iKVM New UI. iKVM (html5) displaying wrong error message when turning off Virtual Media Port. Remote Console Does Not Follow WebGUI Spec*
7. *Added new X13 crashdump*
8. *Added NIC link up/down event*
9. *Fixed issue where WEBUI erroneously did not allow to edit user properties in FW 1.00.00.*
10. *Added support for IPMI LAN disable*
11. *Added RADIUS schema version and null string*
12. *Fixed so the Golden generation will not interfere with host running*
13. *Added support to read MB CPLD FEABITs*
14. *Added a BIOS Reset Default API*
15. *IPMI upload config message has been changed*
16. *Disabled Launch SOL now has notification and redirect to ports page*
17. *Synced MEL when VM Setting or Port is now changed.*
18. *Fixed the NTP setting not syncing after BMC reboot, when setting an invalid NTP server.*
19. *Fixed: "Enable Smart Power Event Log" should not show up unsupported platforms*