

BMC Firmware Release Notes Form

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Product Name	X13DEM
Release Version	1.02.22
Build Date	3/2/2024
Previous Version	1.01.11
Update Category	Recommended
Dependencies	None
Important Notes	<ul style="list-style-type: none">• SMC-2024010010 Command Injection attack• SMC-2024010011 XSS attack• (CVE-2023-33413) SMC-2024010012 Command Injection attack• The BMC configuration file generated in BMC firmware older than Rev. 1.01.14 can't be imported.
Enhancements	<ol style="list-style-type: none">1. RoT State changed to disabled after the factory reset.2. Prompt will now show in Redfish and Web GUI whenever RBID increase has been detected on uploaded firmware.3. OpenJDK support.4. Enhanced GPU Redfish API value.5. Support BIOS attribute name without seq num.
New features	<ol style="list-style-type: none">1. Supported NIC CPLD update.2. Added Super Diagnostics Offline in Redfish.3. Added Property "Product" for /redfish/v1.4. Enabled USB LAN 2 options feature (WEB).5. Support two options switch for USB LAN.

<p>Fixes</p>	<ol style="list-style-type: none"> 1. Added NIC CPLD FirmwareInventory. 2. Show the wrong firmware version of AOC-S100GC-i2C on the NIC firmware upgrade web page. 3. PSU health status is abnormal when removing the power cord. The power Fail alert function didn't work. Can't display event log after pulling out the power cord. 4. VirtualMedia SMB does not support mount with port. 5. Failing to link the Virtual Media image should now result in the correct pop-up message on the Web GUI. 6. Support one HDD to create RAID 0. 7. IPMI ECO automation test failed. 8. X13DEM system host fails to power up automatically after BIOS update on-next-boot. 9. SmcNodeManager.ClearAllPolicies failed. 10. IPMI ECO automation TC2029 failed: BIOS evidence download fails. 11. Missing ProcessSummary "Model" value in /redfish/v1/Systems/1. 12. Fix VirtualMedia does not allow domain URL with port. 13. Set power limit 0 to Node Manager failed. 14. Should not be able to set invalid IPv6 DNS values using SMCIPMITool RAW commands. 15. Toggling the system power will create repeated "Host FW password has been removed / auto-generated" entries in the MEL. 16. WebGUI – Switchers in the Health Event Log page didn't disable on Operator permission. 17. Power LED not staying solid after initial boot up. 18. RoT State changed to disabled after the factory reset. 19. Failed to receive the correct SNMPv3 alert.
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	<p>20. BMC Host Interface becomes "Disabled".</p> <p>21. Added MEL after changing Host Interface "RNDIS Connection" or "CDC-ECM Connection".</p> <p>22. NVIDIA L40 GPU no sensor and information.</p> <p>23. SUM – Failed to Set LAN AutoConfiguration DHCPv6Mode Configuration.</p> <p>24. Unable to load SMTP page.</p> <p>25. Redfish test fail on Check AccountService Accounts Method Privileges due to unexpected status code return.</p> <p>26. There is an extra backplane object on the BMC "Firmware Management" page.</p> <p>27. Operator cannot have Full Access to the Event Log.</p> <p>28. PATH '/redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.0' status code should be 405 but it is 400.</p> <p>29. MEL is incorrect when restored to factory default. (RAW 30 41)</p> <p>30. Logging out with an enabled SMTP alert will create three MEL entries.</p> <p>31. Null user test failed, created null users are not displayed on the users page.</p> <p>32. Failed to disable IPv6 autoconfig using SMCIPMITool.</p> <p>33. Notifications (SNMP) in Help page is inconsistent with Actual WEB page.</p> <p>34. [MEL-0093] String does not match with LAN Interface option naming.</p> <p>35. IPV6 – Failed to set Alternative DNS server IP through SMCIPMITOOL. [SMCIPMITOOL] BMC disconnected for a while when setting up IPv6 DNS 2 via command. SMCIPMITOOL DNSv4 mode RAW commands don't work.</p>
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	<p>SMCIPMITOOL The command return code doesn't follow up the specification.</p> <p>36. Validate Access with OOB and No License should switch to newer UI behavior.</p> <p>37. The X12X13_BMC_UI_Spec specification does not define the "Security Icon" and "Security Page" of ROT 2.0.</p> <p>38. X13DEM Redfish automation has failed.</p> <p>39. The Node Manager Version is shown as unknown() on the X13SEDW-F.</p> <p>40. Support NVIDIA RTX 4000 Ada, RTX 5000 Ada, RTX 6000 Ada.</p> <p>41. Set invalid IPv6 Static Address RAW command does not return CC.</p> <p>Fixed OEM command switch IPv6 stateful mode will not auto get DHCP IPv6 IP.</p> <p>42. Update Broadcom RAID Adapter FW failed due to failing to upload file.</p> <p>43. Fails updating AIOM FW, AOC-A25G-i2SM via Web GUI.</p> <p>44. Web Function – 0.0.0.0 is not allowed to be saved in 'Server Address'.</p> <p>45. It allowed class D, E of IPv4 addresses for DNS Server IP setting.</p> <p>46. Server Address field can fill in over 255 characters which does not match with the specs defined. (AD and LDAP)</p> <p>47. Please help confirm whether the LAN interface on WebUI complies with the definition of SPEC (X12X13_BMC_UI_Network_Page_v0.2.pdf).</p> <p>48. [SUM] Could not mount ISO with IPv6 through SAMBA UNC. [SUM] Failed to mount an ISO file with IPv6 address (ExitCode:148).</p> <p>49. Supported AOC-S400G-B1C.</p>
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