BMC Firmware Release Notes Form

Product Name	**X14DBG-GD**
Release Version	**01.00.21.25**
Build Date	**12/16/2024**
Previous Version	Beta Release
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. **[ENGINEERING] — Enhancement for GPU threshold.** 2. **[ENGINEERING] — Added Redfish OEM PSU info for SAA.** 3. **[ENGINEERING] — Updated NVMe SSD fan curve due to device overheat.** 4. **[ENGINEERING] — CUPS memory value was incorrect.** 5. **[ENGINEERING] — Replaced Model of redfish/v1/Managers/1.** 6. **[ENGINEERING] — Added LDAP RFC2307bis support.** 7. **[ENGINEERING] — Removed PW Consumption sensor but Redfish keep.**
New features	1. **[ENGINEERING] — Updated GD3 fan mode setting and M.2 threshold.**

	2. [ENGINEERING] — Supported Redfish standard API /redfish/v1/LicenseService.
Fixes	1. Showed HTML tag when uploading configuration file. GUI — The prompt string in the upload BMC configuration has an extra space character. UI — Reload IPMI Configuration shows markdown in message "Uploading new configuration...please wait until process is completed! BMC must be reset to apply any changes." 2. Link Status was incorrect in "/redfish/v1/Systems/1/EthernetInterfaces/" for AOC-S25G-b2S. 3. Fixed GetGpuInfo and UpdateGPU command test fail on X14DBG-GD. 4. Redfish and SMTP test event was inconsistent between HW1 and SW. 5. SAAECO SMSTC Test failed on the X14DBG-GD. 6. Web Function — Only one Access Mode of SNMPv2 was set, yet an unrelated MEL log was still generated when deleting. 7. [SIT_SSM_5.9.0_b1246] Health Event Log – GPU events card ID does not match with GPU Health information in SSM. 8. BMC does not obtain an IPv6 Gateway IP when the IPv6 configuration is set to DHCPv6 Stateful on WEB. 9. Redfish Automation Tool check fail. 10. [ENGINEERING] — Fixed patch fail in ".../Systems/1/EthernetInterfaces/x/VLANs/x". 11. MEL "[MEL-0097] IPv6 AutoConfiguration was disabled successfully." always followed after changing LAN interface.

	12. CPU Fan will disappear after re-filtering the sensor type under BMC Web Sensor page. 13. [ENGINEERING] — BMC Release: X14 H14 BMC User's Guide 1.0b. 14. Web UI — Inputted invalid sender's address shows different error tips in SW vs HW1. 15. [ENGINEERING] — HTML5 and IKVM unstable in BMC 01.00.21.03 – 01.00.21.05. 16. [DVT] ROT 2.0 After BIOS recovering action was triggered unable to generate the Evidence from WebGUI. [RoT] There is no Generate Evidence function when triggered BIOS and BMC recovered manually. 17. [DVT] WebGUI update CPLD test Fail. Redfish Automation test one TC failed. 18. Operator Permission on Virtual Media mount caused session time out. 19. LinkStatus shows "LinkDown" when the LAN of AOC-AG-i4M is connected in /redfish/v1/Systems/1/EthernetInterfaces. Link State should show "Not Available" when the NIC does not support NCSI/MCTP. Copied Project Issue Link. 20. [ENGINEERING] — Modified LicenseService support platform. 21. [ENGINEERING] — Fixed /redfish/v1/Chassis/1/Assembly return 404. 22. OAM status LED is off on GPU tray. 23. [ENGINEERING] — Adjusted power off state of ComputerSystem schema. 24. Storage Monitoring info inconsistent between AMD and Intel system.

25. [ENGINEERING] — Added transceiver temperature AOC_PORT Temp for AOC MCX75310AAS-NEAT, MCX75310AAS-HEAT.

26. [ENGINEERING] — Added transceiver temperature AOC_PORT Temp for AOC-G200G-B1C, AOC-S400G-B1C, AOC-A200G-B1C, and AOC-A400G-B1C.

27. Checked BMC Sensor Naming Rule fail.

28. WEB — No "Reset BIOS" instructions on the help page.

29. iKVM — The iKVM help page is missing AC Cycle information on power control usage.

30. [ReOpen][Security] Case113120 for AttestationDump is FAIL on 7601MS.

31. [ENGINEERING] — Added GD3 UBB CPLD2 fwUpdate and firmwareInventory.

32. [ENGINEERING][ALL] iKVM power cycle action won't generate MEL.

33. [DVT] Web UI Dashboard – Power Options fail.

34. Case102005 for Users is FAIL on 7601MS.

35. [SAA_1.2.0_b20241204] It got error message: Can't view the NM capabilities on PowerPolicy — action GetpsysInfo on the X14DBG-GD.
    [SAA_1.2.0_20241204] SAA PowerPolicy GetPsysInfo command failed under X14SDV-32C-SP3F.

36. The \'Launch SOL\' instructions should be removed on the help page.

37. Vulnerable JavaScript library jquery-ui on 7601MS,

38. [ENGINEERING] — Enhancement for GPU threshold.

39. Case113122 for File.Import is FAIL on 3501MS.
    Case113122 for FileImport is FAIL on 7601MS.
    Case113121 for FileExport is FAIL on 7601MS.

40. [ENGINEERING] — All sensors are N/A on 01.00.21.22 only.

41. Cannot ping BMC IP from SUT with Dedicated LAN mode (TC-0030).

    LAB IPMI ECO automation test FAIL.

42. [ENGINEERING] — Open-Source update.

43. "SFT-DCMS-SINGLE" still shows up after deletion thru inband, but outband check it show "0".

44. Redfish — MEL spec version mismatch on the /redfish/v1/Registries/Event API.

45. GPU FW had probability display 0.0.0 under BMC GUI.

46. Case102011 for Login is FAIL on 7601MS.

    Case102011 for Login is FAIL on 2401MS.

47. [Beta BMC 01.00.21.18] SAA tool can't flash BMC 01.00.21.18.

    [Auto][Combined ECO] Cannot successfully update BMC firmware form 01.00.21.18 via SAA tool.

    Redfish Automation Tool check fail.

48. [Web Function] Cannot successfully create the new filter rule on IP Access Control.

49. Unable to get complete TaskMonitor parameters when mounting an image file.

50. System not powering on after Clear CMOS.

51. Wrote FRU capability should be disabled after factory default.

52. [ENGINEERING] — DST offset for Lord Howe is 30 minutes.

53. IPMITool — Got channel payload support for valid/invalid channel fail.

    IPMITool — Verified Reserve Device SDR Repository command via LANplus, but expect error.

54. Transceiver temp triggers "Critical - going high" event logs when system is IDLE.

	[ENGINEERING] — Specific AOCs Transceiver temperature is missing in 01.03.39 and 01.00.21.23.
	55. **The time for the event logs was incorrect.**
	56. **Case113007 for Virtual CD-ROM is FAIL on 7601MS.**
	57. **[ENGINEERING] — Storage page Button Blink/Unblink, Eject/Insert, Erase/Abort, and Make/Remove Hotsparemerge.**
	58. **Front panel OAM LED status is incorrect during in Habana environment.**
	59. **[IPMIECO 01.00.21.24] NVMe Temp display Critical alert.**
	60. **[ENGINEERING] — Failed to patch LDAP setting through Redfish in X14 BMC 01.00.21.24.**
	[ENGINEERING] — Failed to patch LDAP setting through Redfish in X13 BMC 01.03.40.
	[ENGINEERING] — Failed to patch LDAP setting through Redfish in X12 BMC 01.05.23.