

BMC Firmware Release Notes Form

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Product Name	X14DBM-SP
Release Version	01.00.21.31
Build Date	01/20/2025
Previous Version	01.00.21.01
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. [ENGINEERING] — Patch BIOS attributes.2. [ENGINEERING] — Added Redfish OEM PSU info for SAA.3. [ENGINEERING] — Modified behavior of X14 B14 BMC reading external RTC NCT3015Y.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.8. [ENGINEERING] — MMBI host reset enhancement.
New features	<ol style="list-style-type: none">1. [ENGINEERING] — Added smart power capability CMD.

Fixes	<ol style="list-style-type: none"> 1. [ENGINEERING] — Fixed /redfish/v1/Chassis/1/Assembly return 404. 2. [DVT] System — Storage Monitoring — Logical View doesn't display slot, state, capacity, and strip. Logical view elements do not exist. 3. 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 showed markdown in message "Uploading new configuration...please wait until process is completed! BMC must be reset to apply any changes." 4. [IPMI eject / select multiple slots or "ALL"] multiple slots eject fail. 5. MEL-0258 description does not match MEL specs. 6. Found some BMC Sensor Naming were different from the specs on the X14DBM-AP. 7. Web Function — Only one Access Mode of SNMPv2 was set, yet an unrelated MEL log was still generated when deleting. 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. [ENGINEERING] — BMC Release: X14 H14 BMC User's Guide 1.0b. 13. Web UI — Inputted invalid Sender's Address showed different error tips in SW vs. HW1. 14. Smart Power Functionality Caps to 1.
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	<p>Fixed SAA Only Displays 1x CPU's Info.</p> <p>[Intel NM] Power Capping Function is not working on AC Domain.</p> <p>[Intel NM] Power Capping Function is not working on DC Domain.</p> <p>An error message occurred when smart power is enabled/disabled.</p> <p>15. [ENGINEERING] — Leakage sensor detection for LCC system.</p> <p>16. [DVT] WebGUI update CPLD test Fail.</p> <p>Redfish Automation test 1 TC failed.</p> <p>17. [ENGINEERING] — HTML5 and IKVM unstable in BMC 01.00.21.03 through 01.00.21.05.</p> <p>18. Adjusted clear CMOS WebUI popup text per PM request.</p> <p>19. [DVT] ROT 2.0 After BIOS recovering action was triggered unable to generate the Evidence from WebGUI.</p> <p>[RoT] There was no Generate Evidence function when triggered BIOS and BMC recovered manually.</p> <p>20. Memory sensor labeling does not match the actual memory number.</p> <p>21. [ENGINEERING] — Set AP platform to DIMM group to A~F/G~L.</p> <p>22. [ENGINEERING] — Fixed Psys Power Capping fail by using WrEndPointConfigMmio command.</p> <p>23. Fixed [Psys_Intel BMC Node Manager] Enter platform, AC power Domain test fail, and the power reading that is not accurate after setting to total power.</p> <p>Fixed SAA Only Displays 1x CPU's Info.</p> <p>24. X14DBM-SP Power Capping Error with PWS-1k24A BMC Version 01.00.21.10.</p> <p>Hyper X14: Smart Power function reserve power should be 0 W.</p> <p>25. Incorrect error message when trying to change Host Interface during POST.</p>
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	<p>26. [ENGINEERING][ALL] iKVM power cycle action won't generate MEL.</p> <p>27. Case113122 for File.Import was FAIL on 3501MS. Case113121 for File.Export was FAIL on 3501MS. Case113122 for FileImport was FAIL on 7601MS. Case113121 for FileExport was FAIL on 7601MS.</p> <p>28. "SFT-DCMS-SINGLE" still showed up after deletion through inband, but outband check it show "0."</p> <p>29. Case102011 for Login is FAIL on 7601MS. Case102011 for Login is FAIL on 2401MS</p> <p>30. [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.</p> <p>31. [Web Function] Cannot successfully create the new filter rule on IP Access Control.</p> <p>32. Unable to get complete TaskMonitor parameters when mounting an image file.</p> <p>33. System not powering on after Clear CMOS.</p> <p>34. Write FRU capability should be disabled after factory default.</p> <p>35. [ENGINEERING] — DST offset for Lord Howe was 30 minutes.</p> <p>36. IPMITool — Got channel payload support for valid/invalid channel fail. IPMITool — Verified Reserve Device SDR Repository command via LANPlus but expect error. IPMITool — Verified device SDR info via IPMI LANPlus, but expect error.</p> <p>37. [ENGINEERING] — Failure on PLDM over MCTP over SMBUS.</p> <p>38. [ENGINEERING] — Adjusted power off state of ComputerSystem schema.</p> <p>39. Storage Monitoring info inconsistent between AMD and Intel system.</p>
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40. [ENGINEERING] — Added transceiver temperature AOC_PORT Temp for AOC MCX75310AAS-NEAT, MCX75310AAS-HEAT.
41. [ENGINEERING] — Added transceiver temperature AOC_PORT Temp for AOC-G200G-B1C, AOC-S400G-B1C, AOC-A200G-B1C, and AOC-A400G-B1C.
42. 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.
43. The time for the event logs was incorrect.
44. Case113007 for Virtual CD-ROM is FAIL on 7601MS.
45. [ENGINEERING] — Storage page Button Blink/Unblink, Eject/Insert, Erase/Abort, Make/Remove Hotsparemerge.
46. [IPMIECO 01.00.21.24] NVMe Temp displayed Critical alert.
47. [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.
48. User privilege was not able to see the full info on the Power page.
49. Syslog packet doesn't match the correct format. Showed '\n' at the end.
50. Web Function — Date and Time should be read only.
[ENGINEERING] — Enabled Date and Time write permission.
51. BMC Firmware Version Display for X14.
52. [ENGINEERING] — Fixed
license/redfish/v1/LicenseService/Licenses response 500.
53. [ENGINEERING] — Fan Zone duty cycle read failed in X14BMC 01.00.21.24 through 01.00.21.24.

	<p>54. The option of Auto reset system after CPU CATERR/IERR interrupt happens should keep in ON status in Operator permission.</p> <p>55. The descriptions of [MEL-0072] do not match the specs.</p> <p>56. Failed to receive SNMP trap for [IPMI-9036] and [IPMI-9040].</p> <p>57. SAA [Attestation] Generated measurement file failed. SAA TC#2096: Generated measurement file failed.</p> <p>58. [PIO-421GL-NR-01-NC24B] CX6 transceiver temperature sensor reading in BMC.</p> <p>59. BMC should support a maximum of four KVM sessions. The maximum number of iKVM sessions that can be opened does not match the spec.</p> <p>60. [ECO] Redfish automation 1 fail test case. [ECO] Redfish automation Fails. Issued [IPMI ECO 01.03.34] Redfish automation tool check is fail. Redfish — The Redfish version is inconsistent between the web and the release notes. The Redfish version on the web doesn't match the release notes.</p> <p>61. [WEB] The Redfish version on the web doesn't match the release notes.</p> <p>62. OemDumpService.Collect failed due to return code is 400 but should be 403. Redfish — Checked Operator Privilege fail on /Actions/OemDumpService.Collect. Operator Permission Privilege SYSTEMCRASHDUMP — AUTO_RESET_SYSTEM_SWITCH was not Enabled. [Redfish] POST request to collect dump failed via Operator role. Redfish Automation Operator Privilege Failure.</p> <p>63. [ENGINEERING] — Patch BIOS attributes.</p>
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	<p>64. During AC on-off cycles, multiple occurrences of incorrect date/time.</p> <p>65. Dynamic DNS test is fail.</p> <p>Cannot access Hostname with Dynamic Update Enabled.</p> <p>66. [ENGINEERING] — Smart power new property.</p>
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