

BMC Firmware Release Notes

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Product Name	X12DAi-N6
Release Version	1.03.05
Build Date	09/04/2023
Previous Version	01.01.44
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. [Account Services][LDAP] Supported StartTLS.
New features	<ol style="list-style-type: none">1. [Kendo] Uploaded invalid Device 0 file help tips overlap when zooming in to 125% with 14 inches and 175% as well as 200% with 22 inches.2. [Kendo] Health status of the task list is not complete when zooming in from 75% to 200%3. [Kendo]DDNS upload invalid key help tips overlap when zooming to 200%.4. [Kendo] NTP server error message will exceed the frame and overlap with the sidebar when zooming in from 100%.
Fixes	<ol style="list-style-type: none">1. Needed to define MEL-ID for LLDP was configured to enabled/disabled successfully.

	<ol style="list-style-type: none"> 2. [Security] Stack buffer read overflow at X13 and X12 (ReadNVMEMIDataStructure). 3. Redfish Hostname special characters support. 4. Downgraded from BIOS1.3 to BIOS1.1, BIOS shown correctly, but IPMI web still shows BIOS1.3. 5. Supported IPv6 enhancement spec. (Proposal for BIOS-BMC IPv6 inconsistency_V11.pptx) 6. [Security] Divided by zero at X13 and X12 (Storelib_GetPhyHDDInfo)(numDrives). 7. [Security] memcpy negative-size-param and stack buffer write overflow at X13 and X12 (nvme_mrvl_read_cmd). 8. [Security] Stack buffer write overflow at X13 and X12 (nvmemi_controller_health_status_poll). 9. [Security] Stack buffer read/write overflow at X13 and X12 (nvmemi_read_nvmemi_data_structure). 10. [Security] memcpy negative-size-param and stack buffer write overflow at X13 and X12 (nvme_identify). 11. [Security] Unsigned short overflow in memcpy index and may cause brcm data error at X13 and X12 (FireBRCMDirectCmd). 12. [Security] Divided by zero at X13 and X12 Redfish (GetEachPhyHDDInfo)(numDrives). 13. [Security] Global buffer read overflow at X13 and X12 (UpdateSecureErasePDInfo) 14. WEB – BMC version is incorrect in the Troubleshooting Log. 15. GUI – HDD info lines are not aligned at the Physical View. 16. Downgraded from BIOS1.5 to BIOS1.1, BIOS shown correctly, but IPMI web still shows BIOS1.5 17. [Security] stoi() exception at X13 and X12 Redfish (/redfish/v1/Managers/1/LicenseManager/ClearLicense). 18. Supported both CDC-ECM and RNDIS at the same time. 19. Disabled IPMI Lan Port Interface.
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	<p>20. [MultVM] Virtual media supported 3 CD/FLOPPY image mounting.</p> <p>21. HTML5 Console as default.</p> <p>22. Dual mode for network setting as default.</p> <p>23. [GUI] SNMPv3 description in Help page is not aligned with web GUI.</p> <p>24. RTX6000 ADA GPU threshold is not correct Support RTX6000 ADA.</p>
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