

BMC Firmware Release Notes

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Product Name	X12DHM-6
Release Version	01.03.05
Build Date	09/04/2023
Previous Version	01.01.43
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	None
New features	<ol style="list-style-type: none">1. Uploaded invalid Device 0 file helps overlapping tips when zooming in to 125% with 14 inches and 175% and 200% with 22 inches.2. Health status of the task list is not complete when zooming in from 75% to 200%.3. DDNS upload invalid key help the overlap tips when zooming to 200%.4. 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.2. [Security] Stack buffer read overflow at X13 and X123. Redfish Hostname special characters support.4. Downgraded from BIOS1.3 to BIOS1.1, BIOS shown correct, but IPMI web still shows BIOS1.3.5. [MEL] MEL log does not quite match when setting the Alert SNMPv3 Authentication/ Encryption Protocol.6. [MEL] No related MEL when setting up User with Account Type SNMP (Auth Protocol / Private Protocol).

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