IPMI Firmware / BIOS Release Notes Form

Product Name	**H13DSG-OM**
Release Version	**01.02.20**
Release Date	**02/27/2024**
Build Date	**02/27/2024**
Previous Version	**01.02.12**
Update Category	**Recommended**
Dependencies	**BIOS R 1.1**
Important Notes	IPMI image: BMC_H13AST2600-ROT20-8501MS_20240227_01.02.20_STDsp.bin IPMI update package: BMC_H13AST2600-ROT20-8501MS_20240227_01.02.20_STDsp.zip
Enhancements	**1. Improved Redfish performance.** **2. Added "*" for required blanks on the Dynamic DNS page.** **3. Enhanced HGX sensor and threshold functionality.**
New features	**1. Implemented PLX firmware update via ScrutinyLib.**
Fixes	**1. Fixed issue with UBB Temp Sensor Access Degrade/Unavailable SELs during DC OnOff.** **2. Corrected unexpected population of dummy fans during DC OnOff testing.** **3. Fixed issue with Sensor Access Degrade/Unavailable SELs during DC OnOff.** **4. Fixed issue with adjusting 8U MI300X fan curve.** **5. Fixed issue where only one log was recorded after iKVM reset.** **6. Fixed issue where Maintenance Event Log and License Activation had the same numbers on Help Page.** **7. Fixed issue with the 8U fan sensor.** **8. Fixed issue with incomplete display of table fields.** **9. Fixed issue with adding Fan 5 in 4U.** **10. Fixed issue with the active license name returned a 500 error.** **11. Fixed issue with incorrect MEL Log message configuration when configuring Dynamic DNS.**

	12. Fixed issue with incorrect IPMI values. 13. Fixed issue where BMC rules were defined for all SKUs if "CPU Temp" was missing. 14. Fixed issue where MI300X discovering and monitoring made BMC unstable. 15. Fixed RCE on Account Service API at H13DSG-OM. 16. Fixed issue where VirtualMedia SMB did not support mounting with a port. 17. Fixed issue where PSU health status was abnormal upon power cord removal. 18. Fixed issue where the Power Fail alert function didn't work. 19. Fixed issue where event logs could not be displayed after removing the power cord.

01.02.12 (01/18/2024)

1. Fixed the incorrect error message about the shared host.
2. Fixed the issue where HGX Inlet Temp was too high.
3. Updated Inlet Temp regex.
4. Fixed the issue where invalid IPv6 DNS values could not be set using SMCIPMITool raw commands.
5. Fixed the issue where the CPU sensor reading became "0" during DC on-off stress.
6. Added support for MI300 FW update on BMC web.
7. Added support for Redfish MI300 firmware update.
8. Fixed the issue where the GPU Sensor page displayed MI300.
9. Fixed the issue where the Redfish ATT test failed.
10. Fixed the issue where the serial number was randomly replaced on the GPU sensor page after being idle for three to five minutes.
11. Corrected 4U and 8U detection.
12. Resolved the BPN-NVME5-228N-S4 detection issue.
13. Added support for individually updating firmware for each hardware component.
14. Fixed issue where BMC Host Interface became "Disabled."
15. Added MEL after the Host Interface was changed to "RNDIS Connection" or "CDC-ECM Connection."
16. Added the property "Product" for /redfish/v1.
17. Enabled the USB LAN 2 options feature (WEB).
18. Fixed the issue in SUM where LAN AutoConfiguration DHCPv6Mode Configuration failed to be set.
19. Fixed the issue where the SMTP page was not able to loaded.
20. Redfish test fail on Check AccountService Accounts Method Privileges due to unexpected status code return
21. There is an extra backplane object on BMC "Firmware Management" page.
22. Fixed the issue where the operator could not have full access to the Event Log.
23. Fixed the issue where the status code for PATH '/redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.0' displayed 400 instead of 405.
24. MEL is incorrect when restore to factory default. (raw 30 41)
25. Fixed the issue where three MEL entries were created when logging out while the SMTP alert was enabled. .
26. Fixed the issue where HGX_BMC Temp was lost after an on/off cycle test.
27. Fixed the issue with fan curve and threshold for HGX H100.
28. Fixed the issue with fan curve and threshold for MI300.
29. Fixed the issue where the GPU firmware version was not displayed on the IPMI WebUI.
30. Fixed the issue where IPv6 Address and Prefix Length data were not displayed when DHCPv6 Stateless was set.
31. Fixed the issue where HGX_GPU-related sensor lost in the sensor page under BMC GUI after an AC on/off cycle.
32. Fixed the issue with the 4U system fan reading.
33. Enhanced the USB1 detection mechanism to prevent HMC/AMC drops.
34. Resolved the issue where GET LCMC API via Redfish API worked even if web support wasn't available.
35. GPU Sensor page - MI300 APIs support "Firmware Version" field
36. Prompt will now show in Redfish and Web GUI whenever RBID increase has been detected on uploaded firmware
37. Enhanced the GPU Redfish API value.
38. Added support for OpenJDK.

01.02.00 (12/13/2023)
First release.