

# IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H13DSG-OM</b>
<b>Release Version</b>	<b>01.02.33</b>
<b>Release Date</b>	<b>04/26/2024</b>
<b>Build Date</b>	<b>04/26/2024</b>
<b>Previous Version</b>	<b>01.02.20</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>BIOS R 1.8</b>
<b>Important Notes</b>	IPMI image: BMC_H13AST2600-ROT20-8501MS_20240426_01.02.33_STDsp.bin IPMI update package: BMC_H13AST2600-ROT20-8501MS_20240426_01.02.33_STDsp.zip
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Unified the HGX H100 web UI and REDFISH management.</li><li>2. Added support for one-click HGX log dump.</li><li>3. Added support for Liquid Leakage IPMI SDR and Redfish API.</li><li>4. Adjusted 4U HGX fan curve.</li><li>5. Implemented web UI prompts – 11162023.</li><li>6. Added support for AOC-E810-XXVDA4.</li><li>7. Upgraded SEL to 1.38 and merged sel search method into one function.</li><li>8. Upgraded MEL to 1.07 and added MEL 70&amp;368.</li><li>9. Added support for Redfish BMC fields v1.33 and v1.34.</li><li>10. Added support for AOC-S400G-B1C.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added support for MI300X GPU device in web UI.</li><li>2. Added support for HGX simpleupdate and ForwardService post-binary.</li></ol>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Fixed all UBB sensors Dropped during DC on/off.</li><li>2. Fixed PLX sensor drop during DC on/off testing.</li><li>3. Fixed serial numbers in NVMe drives being all the same and not matching with those on the BMC web UI.</li><li>4. Fixed failure to clear IPv6 DNS address via SMCIPMITool.</li><li>5. Fixed inability to update BP CPLD FW via the BMC web UI.</li><li>6. Fixed the existence of extra HGX_H100-related links that should not have been there.</li><li>7. Fixed issue where when UBB Sensors were N/A, fans should have</li></ol>

	<p>been at full speed but were showing minimum speed instead.</p> <p>8. Fixed recording of wrong MEL number when IPMI config upload was unsuccessful.</p> <p>9. Fixed the ability to set DNS Server 1 and 2 IP to duplicate values via SMCIPMITool.</p> <p>10. Fixed an issue with the web function where "0.0.0.0" was not allowed to be saved in the "Server Address" field.</p> <p>11. Fixed issue with allowing Classes D and E of IPv4 addresses for the DNS Server IP setting.</p> <p>12. Fixed issue where the Server Address field accepting over 255 characters, which did not match the spec defined for AD and LDAP.</p> <p>13. Fixed issue where SUM could not mount ISO with IPv6 through SAMBA UNC.</p> <p>14. Fixed issue where SUM failed to mount an ISO file with IPv6 address (ExitCode:148).</p> <p>15. Fixed issue where updating the Backplane, Midplane, Fan/CPU/AIOM/AOM board CPLDs did not present MEL ID with the MEL.</p> <p>16. Fixed issue where no NAOC FW update icon appears on the BMC web UI.</p> <p>17. Fixed issue where UBB Temp Sensor Access Degrade/Unavailable SELs occurred during DC on/off.</p>
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***Release Notes from Previous Release(s)***

**01.02.20 (02/27/2024)**

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.
20. Improved Redfish performance.
21. Added "\*" for required blanks on the Dynamic DNS page.
22. Enhanced HGX sensor and threshold functionality.
23. Implemented PLX firmware update via ScrutinyLib.

**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.