

IPMI Firmware / BIOS Release Notes Form

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Product Name	H13DSG-O-CPU-D
Release Version	01.03.02
Release Date	9/20/2024
Previous Version	01.03.01
Update Category	Recommended
Dependencies	BIOS R 1.9b
Important Notes	IPMI Image: BMC_H13AST2600-ROT-6501MS_20240920_01.03.02_STDsp.bin IPMI Update Package: BMC_H13AST2600-ROT-6501MS_20240920_01.03.02_STDsp.ZIP
Enhancements	N/A
New features	N/A
Fixes	<ol style="list-style-type: none">1. Changed "ReTimer Temp" to "Retimer Temp."2. Added support for CPLD updates with the 5322 extension. The previous BMC firmware used hardcoded parsing for CPLD UFM data. If the CPLD UFM table size was changed, it caused provisioning to fail.3. Fixed an issue that the dedicated LAN LED on AOM-DP805-IO blinked abnormally.4. Fixed an issue where updating the BIOS would fail if the update was aborted previously.

Release Notes from Previous Release(s)

01.03.01 (7/3/2024)

1. CPLD could not be updated through SAA or SUM.
2. No BPN type icon was shown on the Update page.
3. Updating GPU firmware will generate MEL with an incorrect description of the GPU model.
4. "The target motherboard CPLD is not updatable" error occurred during UpdateCpld.
5. "Failed to Set DateTime, TimeUpdateMode, TimeZone, and DayLightSaving Configuration" error occurred during the ChangeBmcCfg command.

01.00.28 (4/21/2024)

1. Validated PLX FW images.
2. Added GET HGX_GPU_SXM_X/LogServices/XID/Entries & HGX_NVSwitch_X/LogServices/XID/Entries in /redfish/v1/Oem/Supernmicro/HGX_H100/Chassis/
3. Implemented Redfish API for PLX updating and plx_update application.
4. Displayed the last digit of the PCIeRetimer FW version.
5. Supported getting plx version by the CPLD version.
6. Fixed PWS-DF009-2F power information issue.
7. Fixed the issue where the HBM Fan curve does not match the design Spec.
8. Fixed Red Alert LED is not de-asserted after the CPU is overheated.
9. Fixed (CPLD): Trapped in an endless loop with backup CPLD Golden.
10. (GPU): Failed to get H100 GPU info.

1.00.26 (12/7/2023)

1. Added UBB information for redfish.
2. Supported HGX_H100 log dump.
3. Supported front IO and OCPV3 PS.
4. Supported H100 "debug token" service.
5. HMC sometimes will stop the redfish service.
6. The current owner index is wrong after RA provision.
7. (Redfish): get wrong data in resp header /redfish/v1/UpdateService/FirmwareInventory/HGX_FW_PClRetimer_x response header contains part of response body data.
8. Fix the OTP flush error and should stop provision.
9. The UID LED behaves abnormally, and the Remote UID On Event appears as Solid Blue On.
10. PWS-DF009-2F intermittently appears information missing.
11. Incorrect GPU Temp and HBM Temp.

1.00.23 (9/1/2023)

1. Supported HGX-H100 simple update.
2. Implemented IPMI command for cable detection.
3. Added Nvidia BlueFiled3 support.
4. Supported HGX H100 on STD firmware inventory.
5. Supported HGX_H100 log dump.
6. Supported front IO and OCPV3 PS.
7. Supported H100 "debug token" service.
8. Forbade NV redfish URL access when power off or BIOS is snooping, BMC usb_nv nic is not ready to use. It will cause redfish access to fail with no evidence.
9. BPN update should use BPN firmware inventory URI.
10. Supported to dump dual boot flash content.
11. Supported to reply task content directly.

12. Supported 'LocationIndicatorActive' feature.
13. Supported firmware inventory as target.
14. Changed response content of simple update.
15. Got wrong data in resp header
/redfish/v1/UpdateService/FirmwareInventory/HGX_FW_PClRetimer_x response header contains part of response body data
16. Fix OTP flush error and should stop provision.
17. The UID LED is abnormal, and the Remote UID On Event appears solid blue.
18. MB CPLD2 in fw inventory displays the wrong version.
19. The NVMeSSD FW version is missing from the FirmwareInventory resources.
20. Fix an issue that sideSW JEDEC ID or flash sometimes could not be read.
21. Test Multipartpush Update for BMC and BIOS.
22. Fix inventory information lost on the web.
23. NVMe U.2 reaches a critical temperature.
24. Fix non-OTP provision fails for BIOS golden verification.
25. Resolve the front LED issue.
26. Fix the incorrect header of the HTTP response.
27. Sometimes the display system is on FW update mode.
28. The critical event of DRTM is generated when running the SUM test.
29. The MEL of the ROT feature uses the wrong interface to generate.
30. Set mutex to protect the BPN bus when updating BPN.
31. Sometimes the NIC's sensor disconnects.
32. Fix the hanging issue in specific scenarios.
33. Sensor polling stops when CPLD update fails.
34. There is no MEL to describe CPLD verification failed.
35. The health status of the system is always critical.
36. Fix a single update target issue.
37. Fix potential ansible problems.
38. BMC fw upload hang issue.
39. Fix ansible-playbook issue.
40. Fix BMC gets into FW update mode randomly, even though no FW updating is in progress
41. Correct the URI of Motherboard CPLD 2.
42. Wrong MEL is generated for MainSwitch CPLD Update.

1.00.12 (4/26/2023)

1. Followed the new thermal spec, GPU Thermal Design Guide_Appendix_Delta-Next_20230421.pdf. PLX temp UNC|UC|UNR: 5A|5F|64 -> 69|6E|73 HBM temp: (50C, 20%), (85C, 100%).
2. Disabled PS Fan assertion/de-assertion SEL.
3. Fixed GPU temp, Not present Event log.
4. Fixed Auto power on after updating CPLD2/MAINSW.
5. Fixed Missing fan module data.
6. Renamed the M.2 SSD temperature sensor.
7. Fixed MB CPLD feature broken after updating CPLD2.
8. Fixed the wrong format of CPLD2 staging version.
9. Fixed failure to update fan board CPLD.

1.00.07 (3/29/2023)

Initial Release