

## IPMI Firmware / BIOS Release Notes Form

*Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.*

<b>Product Name</b>	<b>H13DSG-O-CPU-D</b>
<b>Release Version</b>	<b>01.00.23</b>
<b>Release Date</b>	<b>9/1/2023</b>
<b>Previous Version</b>	<b>01.00.12</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>BIOS R 1.5</b>
<b>Important Notes</b>	IPMI Image: BMC_H13AST2600-ROT-6501MS_20230901_01.00.23_STDsp.bin IPMI Update Package: BMC_H13AST2600-ROT-6501MS_20230901_01.00.23_STDsp.ZIP
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Supported HGX-H100 simple update.</li><li>2. Implemented IPMI command for cable detection.</li><li>3. Added Nvidia BlueFiled3 support.</li><li>4. Supported HGX H100 on STD firmware inventory.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Supported HGX_H100 log dump.</li><li>2. Supported front IO and OCPV3 PS.</li><li>3. Supported H100 "debug token" service.</li><li>4. 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.</li><li>5. BPN update should use BPN firmware inventory URI.</li><li>6. Supported to dump dual boot flash content.</li><li>7. Supported to reply task content directly.</li><li>8. Supported 'LocationIndicatorActive' feature.</li><li>9. Supported firmware inventory as target.</li><li>10. Changed response content of simple update.</li></ol>
<b>Fixes</b>	Fixed the following issues: <ol style="list-style-type: none"><li>1. Got wrong data in resp header /redfish/v1/UpdateService/FirmwareInventory/HGX_FW_PClRetimer_x response header contains part of response body data</li><li>2. Fix OTP flush error and should stop provision.</li><li>3. The UID LED is abnormal, and the Remote UID On Event appears solid blue.</li></ol>

4. MB CPLD2 in fw inventory displays the wrong version.
5. The NVMeSSD FW version is missing from the FirmwareInventory resources.
6. Fix an issue that sideSW JEDEC ID or flash sometimes could not be read.
7. Test Multipartpush Update for BMC and BIOS.
8. Fix inventory information lost on the web.
9. NVMe U.2 reaches a critical temperature.
10. Fix non-OTP provision fails for BIOS golden verification.
11. Resolve the front LED issue.
12. Fix the incorrect header of the HTTP response.
13. Sometimes the display system is on FW update mode.
14. The critical event of DRTM is generated when running the SUM test.
15. The MEL of the ROT feature uses the wrong interface to generate.
16. Set mutex to protect the BPN bus when updating BPN.
17. Sometimes the NIC's sensor disconnects.
18. Fix the hanging issue in specific scenarios.
19. Sensor polling stops when CPLD update fails.
20. There is no MEL to describe CPLD verification failed.
21. The health status of the system is always critical.
22. Fix a single update target issue.
23. Fix potential ansible problems.
24. BMC fw upload hang issue.
25. Fix ansible-playbook issue.
26. Fix BMC gets into FW update mode randomly, even though no FW updating is in progress
27. Correct the URI of Motherboard CPLD 2.
28. Wrong MEL is generated for MainSwitch CPLD Update.

***Release Notes from Previous Release(s)***

***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