IPMI Firmware / BIOS Release Notes Form

Product Name	**H13DSG-O-CPU**
Release Version	**01.03.11**
Release Date	**2/18/2025**
Previous Version	**01.03.07**
Update Category	**Recommended**
Dependencies	**BIOS R 3.4**
Important Notes	**IPMI image:** **BMC_H13AST2600-ROT-1401MS_20250218_01.03.11_STDsp.bin** **IPMI update package:** **BMC_H13AST2600-ROT-1401MS_20250218_01.03.11_STDsp.ZIP**
Enhancements	**N/A**
New features	1. **Modified the CPU threshold to 100.**
Fixes	1. **Resolved the PLDM link down status failure.** 2. **[AOC-A400G-B1CM] Fixed the transceiver sensor reading showing overheating when the transceiver was plugged in for 5 minutes. (Copy Project Issue Link)** 3. **Addressed the issue where the 400G speed downgrade to 200G when the LAN interface was set to failover.** 4. **Fixed the absence of the Xilinx MA35D sensor reading in the BMC UI.** 5. **Reduced the time for sensors to become available after booting into UEFI/Linux (previously took over 12 minutes).**

01/03/07 (12/6/2024)
1. AMD Turin MCTP bridging support
2. The Help page should display "Cooling" instead of "Fans" and include descriptions for Air Cooling and Liquid Cooling.
3. The Virtual Media help page contains descriptions that are inconsistent with the UI Spec.
4. Launch Java Plug-in iKVM sessions and perform an iKVM reset; no iKVM session is closed.

01.03.02 (9/19/2024)
1. Fixed an issue with the AOC storage card dropping.
2. Fixed an issue where Nvidia GPU information was displayed incorrectly.

01.03.01 (5/28/2024)
1. The CPU cooling zone operates at full speed to prevent CPU damage when there is a CPU temperature exception.
2. Redfish API support for Broadcom Expander.
3. HTTP server support for feature flags via Redfish.
4. KCS Enhancement: Disable KCS via Redfish.
5. On-Board NVMe inject and eject.
6. DMTF Compliance: Target URI of UpdateService.
7. Non-OEM messages for task monitoring of a simple update with a code 202 response payload.
8. Certificate support for HTTPS Boot in Redfish.
9. AOC/AIOM enhancement.
10. Upgraded Redfish to version 1.14.
11. OpenSSH CVE-2024-6387 (regreSSHion)
12. Added SEL support for Post Package Repair (PPR) and MBIST.
13. Supported CPLD updates with 5322 extension.
14. Attestation validation enhancement.
15. Fixed the issue where the IPMI WBE memory page does not detect the current memory speed.
16. When the IPv6 address and gateway IP are blank, saving the prefix length as 64 or 1 reverts to blank after saving.
17. Changed the TEE version, as it causes the CPLD update to fail.
18. The IKVM reset message is: "The iKVM service has experienced an unexpected issue, resulting in the closure of all active iKVM windows. To resume your activities, please relaunch the iKVM windows."
19. The Virtual Media help page contains descriptions that are inconsistent with the UI Spec defined.
20. Updated the BIOS on the next boot and trying to abort the update process will result in an unexpected failure.
21. When updating the BIOS on the next boot, the chosen requirements are not the same as the original selection when trying to abort the update.

01.02.06 (5/10/2024)
1. Fixed an issue where there were no BIOS and BMC options for Inventory Recovery when a License key was not activated.
2. Fixed an issue with duplicate text on the IPv6 Help Page, "Please Note: Similarly,...the BMC should allocate a new IP address and discontinue the use of its previous IPv6 address"
3. Fixed an issue that the description of IPv4/IPv6 Help Page was inconsistent with the UI specification definition.
4. Fixed an issue that IPv4 DNS Server IP behavior does not match error messages.

5. Fixed an issue that errors returned when uploading "TSIG.key" and "TSIG.private" of 0 kb files on the DDNS page.
6. Fixed an issue where the NTP time zone changes unexpectedly after setting the primary address.

01.02.05 (4/29/2024)
1. Changed Tclt, limit to 95 per AMD thermal design requirements.
2. Fixed MB provisioning feature is broken in tee 0100.03.79 and 0100.03.80.
3. Fixed the issue where the SMTP description of the help page is inconsistent with the definition of the UI Spec.
4. Fixed an issue where the IPv4/IPv6 description of the help page is inconsistent with the definition of the UI Spec.
5. After executing an iKVM reset, the Remote Control interface cannot be switched from HTML5 to Java plug-in. Executing iKVM (HTML5) reset, MEL will record additional [MEL-0131] iKVM is successfully launched.
6. Fixed Severity glitch on the MEL page after changing network settings.
7. Fixed front panel overheating LEDfailure issue.
8. Fixed an issue where the MEL displayed when adding users through the WEB UI and SMCIPMITool were inconsistent.
9. Fixed typos in the Virtual Media error message for the image path.
10. Fixed an issue where the description of the Virtual Media help page was inconsistent with the definition of the UI specification.
11. Fixed SATC Error: Testing URIs reachability when activating DCMS.
12. The Health Event Log Advanced Settings button will be disabled on the operator privilege.

01.02.01 (03/01/2024)
1. Supported AMD SB-RMI version 2.1.
2. Fixed CVE-2023-4879 Terrapin Attack.
3. (CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability SMC-2024010010 Command Injection attack SMC-2024010011 XSS attack.
4. (CVE-2023-33413) SMC-2024010012 Command Injection attack
5. Fixed an issue where the backup CPLD Golden was stuck in an endless loop.
6. Fixed issue that NVMe_SSDA temperature 75°C was higher than the threshold temperature 70°C.
7. Fixed issue where only the minimum required key with limited function could be displayed when the license is not activated.
8. Fixed issue that the license requirement pop-up diagram did not match with the definition (string of the button).
9. Fixed issue where incorrect events (Timestamps) appeared in IPMI SEL when executing SPPT tests.
10. Fixed issue that radio buttons of the Host interface remained enabled when system Lockdown Mode was on.
11. Fixed issue where Nagios would not appear events in the Supermicro Event Receiver after removing the fan or power cord.
12. Added IP access control to allow identical duplicate rules.
13. Fixed issue that OS error logs did not appear when executing "GMI3/xGMI3 Error Injection".
14. Fixed issue that the AutoDST switch button should be disabled when the timezone is (UTC+02:00) Damascus.

01.01.10 (11/8/2023)
1. Enabled 16-bit POST code.

2. Changed RAS crash dump reset type to warm boot.
3. The sensor list fails when the temperature sensor is greater than or equal to 32 degrees.
4. [GUI] The help page does not list the related info of SSDP & LLDP.
5. [MEL] — No related MEL when disabling TSIG Authentication
6. Web Function -- "Verify SSL Certificate" and " Accept Self-signed Certificate" shouldn't be selected if the File Server is set to http://xxxxx.
7. Sensor page: all sensors displayed gray out under BMC GUI or No sensor reading after running GPU tests

01.01.08 (10/06/2023)
1. Supported IPv6 enhancement spec. (Proposal for BIOS-BMC IPv6 inconsistency_V11.pptx)
2. Updated AMD RAS crash dump to ADDC 1.8
3. Refactored the detected PCIe board.
4. Fixed issue with OTP flush error and will no longer provide.
5. Updated issue with incorrect CPLD Golden image event log timestamp.
6. Fixed the issue where ISO cannot be mounted via SMCIPMITool when Virtual Media does not mount any ISO or floppy.
7. Fix problem of the wrong current owner index after RA is provided.
8. Fixed issue that MEL-0135 displays more than three times.
9. Fixed problem of BMC cannot obtain the correct IP address.

01.01.03 (8/23/2023)
1. Modified Dedicated Link options: Added 1G Full and removed 10M Half/Full
2. Fixed the issue that [MEL] generating MEL does not quite match when adding SNMPv2 (based on MEL SPEC v1.03).
3. Added Redfish support for new OEM FixedBootOrder API to replace BootOrder for changing bios boot option.
4. Disabled IPMI Lan Port Interface.
5. Set HTML5 Console as default.
6. Set dual mode for network setting as default.
7. Added virtual media support for 3 CD/FLOPPY image mounting.
8. Added the function that the memory temp alarm is displayed at 60 degrees.

1.00.19 (5/26/2023)
1. [AS-4125GS-TNRT2_S2-C1 configuration] Couldn't correctly detect a GPU sensor under the BMC GUI
2. Added valid Prefix length128 for IPv6 Static Route List.

1.00.18 (4/27/2023)
1. Expanded IPMI OEM commands.
2. Fixed boot exception.
3. Chassis intrusion Reset button did not gray out when the System Lockdown Mode is ON.
4. Tuned the I3C clock parameters to make it compatible with more DIMM models.
5. Function-- Able to click blink or insert HDD button in the system lockdown mode.
6. GUI -- Help tips doesn't have SSDP
7. Function-- Syslog packet did not follow RFC3164.
8. GUI -- No popout error message when type the wrong string at SNMPv2 Name field.

1.00.15 (2/24/2023)
1. Added AOM-PCIE5-418P-1 system slot MUX settings
2. RAS features according to AMD_MCE

3. Read incorrect Power Status without AMD CPU in H13 Platform.
4. Corrected some Redfish Power sensor data.
5. When DIMM is inserted into position G1~F1, the incorrect DIMM name is displayed.
6. Revised GPU PWM.

1.00.11 (1/9/2023)

Initial Release