

IPMI Firmware / BIOS Release Notes Form

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Product Name	H12SSW-iNR/NTR
Release Version	01.05.21
Release Date	04/30/2025
Previous Version	01.05.09
Update Category	Recommend
Dependencies	N/A
Important Notes	ECO #31605 BMC_H12AST2500-ROT-2201MS_20250430_01.05.21_STDsp.bin Please update IPMI with the attached Flash Utility in package.
Enhancements	N/A
New features	N/A
Fixes	1. Fix the AOC retimer temp. cannot be read.(SLG4-2E4T ; SLG4-4E4T) 2. [PBID#201567][Redfish] Fixed the SATC testcase issue; supports 'HostCrashDump/BIOSEvidence/BMCEvidence' in 'DumpService/Actions/OemDumpService.Collect' 3. [PBID#201343] Fixed the SATC dump service suite; Delete should return 200 if support in Dump service.

Release Notes from Previous Release(s) – these will be appended at the bottom of the current release notes in italic and in smaller print

01.05.09 (03/11/2025)

1. fix AOC_PMC Temp. Sensor reading error (AOC-SLG4-2E4T and AOC-SLG4-4E4T).
2. [183541] fixes the new version BMC test case fails.

01.05.05 (10/29/2024)

1. Fixes the GUI Help page doesn't match with WEB GUI (KCS Control)
2. Fixes the GUI Help page doesn't match with WEB GUI (IPv4/IPv6)
3. Fixes the GUI Help page not matching with WEB GUI(User: Account type) Copy Project Issue Link

01.04.04 (05/17/2024)

1. Fixes the GUI Help page doesn't match with WEB GUI (KCS Control)
2. Fixes the GUI Help page doesn't match with WEB GUI (IPv4/IPv6)
3. Fixes the GUI Help page not matching with WEB GUI(User: Account type) Copy Project Issue Link

01.04.02 (05/22/2024)

1. [PBID#160796] Fixes the Redfish Automation test fail.
2. [PBID#171616] Fixes the Fan information in web and in smcipmitool are not match.
3. [PBID#171615] Fixes the Switch of Auto Daylight Savings time should not be able to change when Time Zone is UTC +02:00 Damascus.
4. [PBID#170644] Fixes the Executing TC:3131 , Failed to mount the image file.
5. [PBID#170643] Fixes the Executing TC:3107/4127 , Failed to download IPMI configuration file.
6. Fixes (CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability
SMC-2024010010 Command Injection attack
SMC-2024010011 XSS attack.
7. Fixes (CVE-2023-33413) SMC-2024010012 Command Injection attack
8. [PBID#160305] Fixes the Combined ECO Automation tests Failure
9. [PBID#160236] Fixes the LDAP and Active Directory Add Rule requires both Remote User and Remote Group to be filled when other type B UI only require one

01.01.13(05/22/2023)

1. "AD user" name should be displayed as a complete .null array.
2. Fixes RoT mechanism to send messages every minute.
3. fixes Web will hang when enabling NTP with an invalid Primary NTP Server

01.01.10 (02/02/2023)

[147121] fixes Sensor name is not match with spec

01.01.09 (01/12/2022)

[151166] Fixed When power off Flash IPMI FW to 01.01.08 appear NIC Tmep.

01.01.08 (01/06/2023)

PBID#150723 fix the system will hang up with postcode 92 with BIOS 2.5 when BMC LAN remove.

01.01.07(11/30/2022)

1. "AD user" name should be displayed as a complete. null array.
2. Fixes RoT mechanism to send messages every minute.
3. fixes Web will hang when enabling NTP with an invalid Primary NTP Server

01.01.04(03/21/2022)

1. OS Ip will be lost after running 2xx OOB test case when using AOC-URG4N4-i4XTS card for onboard LAN
2. Anonymous" user will disappear after filtering any account type
3. Error message format isn't the same when upload invalid FW file
4. The tips still appear when unchecking SNMP check box when add user account
5. Virtual Media couldn't mount ima file on Java iKVM
6. Error message doesn't match actual situation when fail to mount iso file
7. AOC sensor temp/status is not meet spec
8. AOC-SLG3-2H8M2 (OOB mode is i2c) information can't display on BMC GUI
9. BMC Network AOC Location/Sensor name information is abnormal
10. BMC hasn't AOC_PMCX TEMP sensor for AOC-SLG4-2E2T
11. redfish automation tool check is failed
12. SMCIPMITool fail to set the gateway to 0.0.0.0

1.00.41 (10/22/2021)

1. IPMI Sensor mismatch during running share LAN Cburn ONOFF
2. Add FPGA driver to support Xilinx FPGA card (U-series)

1.00.36 (06/16/2021)

Fixed Redfish SimpleUpdate API failed for BIOS firmware update.

1.00.33(02/23/2021)

1. Added support GPU Nvidia A40
2. Added support get HBM temp for AMD GPU MI100 A2
3. Fixed IPMI will send "[BIOS] SPI Channel attack is prevented" during DC stress
4. Alert LED will keep blinking when power state was recovered

1.00.25 (10/29/2020)

1. Fixes the BMC FW 1.0.6 unique password cannot be recovered by command 0x30 0x40
2. [114014] [New Web UI] The format in Inventory page is not matched with latest SPEC
3. [New Web UI] There are some items in some pages not be translate to Japanese and Simplified Chinese
4. The format in Inventory page is not matched with latest SPEC
5. [SUM-UEFI_100b200623] SUT will not power on automatically after "-c BiosRotManage --action Update Golden --reboot" process completed.
6. [116732] [ECO]It takes long time to trigger Alert LED when IPMI detect power failure
7. Cannot update BIOS through BMC Web UI.
8. Cannot use remote console function.
9. IPMI ECO automation test failed.
10. NVMe SSD eject function failed in IPMI WebGUI
11. Got the fail results via SMSTC of the H12SSW-NTR
12. [113611] [New Web UI] Sensor status shows Critical but System status and sensor reading are normal
13. [113613] [ROT] BIOS recovery event log display twice in SEL on IPMI v1.0.8
14. [113790] IPMI ECO automation test failed.
15. [113393] [New Web UI] Login page will show "Browser not support" even using Chrome already in sometimes
16. [112993] [New Web UI] TDP Watts is 0 in Component Info - CPU page
17. [116699] [SMCIPMITool_2.24.0_b200904] ukvm fail on some RoT projects. (ex: H12SSW-NTR) but Non-RoT ones pass.
18. [105659] [DVT]NVMe ejected randomly during IPMI on/off test
19. [116224] [IPMI:1.00.17] IPMI execution failed in run IPMI ECO Automation.
20. [109736] [SUM] got the fail results via SMSTC of the H12SSW-NTR
21. [105730] SATC redfish automation standard mode test fail
22. [118852] Set up IPMI login password with "\" character and user cannot login
23. [117484] Alert LED will keep blinking when power state was recovered
24. [116737] [ECO]It takes long time to detect FAN failure when FAN connector was disconnected.
25. MBD CPLD version not present in IPMI web GUI dashboard

First release. (6/10/2020)