

IPMI Firmware Release Notes Form

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Product Name	H11DSi/H11DSi-NT
Release Version	01.52.21
Release Date	9/26/2023
Previous Version	01.52.13
Update Category	Recommended
Dependencies	BIOS R 2.5
Important Notes	<p>IPMI Image: BMC_H11AST2500_6101MS_20230926_01.52.21_STDsp.bin</p> <p>IPMI Update Package: BMC_H11AST2500_6101MS_20230926_01.52.21_STDsp.zip</p> <p>Important Note:</p> <ol style="list-style-type: none">IPMI firmware version R1.52.18 or newer is with a signed key. Once you upgrade to this firmware version, the device cannot be rolled back to a previous, unsigned IPMI firmware.The following configuration items will be lost after upgrading to R1.52.13 or higher from version before R1.52.13 or roll back from R1.52.13 or higher to the version before R1.52.13. Please re-configure after upgrade or downgrade: "KCS Privilege", "UID Control", "Web Session", "Healthy Event log - advanced settings", "syslog", "network -Dynamic IPv6" and "network - Static IPv6".
Enhancements	N/A
New features	N/A
Fixes	<ol style="list-style-type: none">Fixed prolong execution time on VRM utility.Fixed IPMI configuration backup file remote command executionFixed vulnerable JavaScript library prototypejs v1.5.0Fixed vulnerable JavaScript library jquery-ui v1.11.4Fixed vulnerable JavaScript library bootstrap v3.2.0

Release Notes from Previous Release(s)

1.52.13 (6/23/2021)

1. Fixed failure of IPMI Redfish SATC test.
2. Fixed problem of System Firmware Error being asserted during cburn ON/OFF test.
3. Fixed failure of IPMI automation.
4. Fixed inability of IPMICFG to get information normally under SLES 12 SP4.
5. Fixed problem of GPU Status showing N/A on IPMI Web Sensor Readings when NVIDIA Tesla V100S is installed.
6. Fixed missing event log for yellow icon in System Health.
7. Fixed failure of IPMI automation test.
8. Fixed failure of result via SMSTC (TC 131 IPMI OEM x10cfg DDNS) on the H11DSU-IN.
9. Fixed failure of output with command "ipmi lan protocol 1".
10. Fixed failure to flash BIOS via IPMI web with SMT_H11AST2500_32M_152_01.
11. Fixed problem of onboard buzzer when powering on system still beeping after triggering thermal trip event.
12. Modified the Redfish PATCH method at "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
13. Fixed inability to configure BIOS over Redfish.
14. Fixed failure to set user name with special characters through SMCIPMITool.
15. Fixed inability to eject NVMe HDD successfully and the typos on the confirm window.
16. Fixed inconsistency between popup message and behavior.
17. Fixed inability to save sensor table as CVS file (using FireFox browser).
18. Corrected typo in SSL Certification confirm window.
19. Fixed inability to find the URL for "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.

1.52.0 (1/18/2019)

1. Corrected ADMIN password after reloading IPMI configuration.
2. Added support for third number (build version) of IPMI firmware version.
3. Added BMC Account Security.
4. Added modification for event severity.
5. Enabled sending all event logs (Health & Maintenance) to Syslog server.
6. Added UefiPxe to Redfish System boot order.
7. Added display of advanced power readings through DCMI (Data Center Management Interface) for AMD platforms.
8. Added BMC firmware solution to program and store unique pre-programmed password.
9. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.
10. Fixed failure of comparison between new_bmccfg_006_029.xml and bmccfg_after_update_006_029.xml.
11. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.
12. Fixed missing relevant log when CPU Temperature increases and meets the 95 degree threshold.
13. Fixed failure of system to display screen after flashing BIOS.
14. Fixed issues with SPM REST API PASS.
15. Fixed problem of CPU throttling occurring when running Linpack with ROME CPU.
16. Fixed inability to launch SOL window.

1.46 (05/22/2019)

1. *Adjusted the VDDCR threshold for all H11 projects.*
2. *Improved SMBIOS data loss when AC is on.*
3. *Improved the lack of SMBIOS data caused by the reset pin signal when AC is on.*
4. *Patched for CVE-2019-6260 pantsdown.*

5. Updated the threshold of the AMD GPU (MI8/MI25).
6. Changed the naming for Health Event Log & Maintenance Event Log in Web UI.
7. Moved NIC/GPU URLs from chassis/ into systems/.
8. Changed the naming for Health Event Log & Maintenance Event Log in Redfish.
9. Improved possible issues with setting up IPV6 and VLAN.
10. Added support for the riser feature with multi-chip.
11. Enabled clearing all system event logs without generating any log and dumping all the system event logs.
12. Fixed inability of the power value of SPM to match the power value of IPMI and power meter.
13. Fixed incorrect KEYPAD * and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.
14. Fixed issue with WebUI formatting.
15. Fixed problem of degraded & unavailable SEL event appearing after Broadcom 3108 firmware is updated.
16. Fixed mismatch of Redfish FullList Allowed Operation.
17. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.
18. Fixed failure to save LDAP port to 389 after it was saved as SSL-enabled 636 in Web.
19. Fixed the issue of a fan error message appearing during AC ON/OFF test when the fan is not connected to the system.
20. Fixed problem of DCMS license activation showing inconsistent results between IPMI firmware 1.52 and 1.61.
21. Fixed DCMS check.
22. Fixed inability to detect MI25 GPU.
23. Fixed issue of "Save uncompleted" message appearing when changing time and saving it on IPMI Web.
24. Fixed multiple Web UI formatting issues.
25. Fixed the issue with CPU throttle.
26. Fixed missing deassert log after system recovers from CPU overheat.
27. Fixed inability to clean IPMI Hostname and issues of the session timing out after accessing system event log page and BMC continuously rebooting.
28. Fixed failure of IPMI SOL.
29. Added support for NVIDIA T4 GPU device.
30. Fixed malfunction of IPMI Web Date & Time Configuration.
31. Fixed failure of the system status to reference PSU state when AC is lost.
32. Fixed problem of BMC being damaged after running ARP stress test for over 24 hours.
33. Corrected pop-up message when deleting a group in Active Directory.
34. Fixed issue with BMC memory leak.
35. Corrected grammar error on the Alert page.
36. Fixed failure of NVMe Eject and insert Event log.

1.38 (05/30/2018)

1. Adjusted the SOCRUN threshold for all H11 projects.
2. Added new OEM commands for CPU power capping.
3. Fixed problem of BIOS screen reporting less memory after power cycle.
4. Fixed problem of IP Access Control Issue being reported from CRM #SM1806148647.
5. Fixed problem of EVENT SEVERITY in the email alert content being inconsistent with the info set on IPMI Configuration.
6. Fixed incorrect IPMI pop-up message when performing Factory Default on IPMI Web.
7. Fixed inability of BMC 1.37 to modify the event log on WebGUI.
8. Fixed inability to clean IPMI Hostname.

9. *Fixed problem of sensor showing "RED" after every AC cycle chassis intrusion.*
10. *Fixed problem of NVMe temperature staying high on sensor reading page when NVMe temperature cools down.*
11. *Fixed failure of Redfish Automation Tool test.*

1.34 (05/30/2018)

1. *Adjusted the SOCRUN threshold for all H11 projects.*
2. *Added AMD-specific OEM command set 0x30 0x80 to read the current package power of CPU and set safe package power of CPU.*
3. *Fixed failure of Redfish Automation Tool.*
4. *Shortened the waiting time for the BMC to control the FAN speed when BMC starts.*
5. *Fixed problem of GPU1 appearing in BMC Web sensor list when GPU card is not installed.*

1.27 (04/13/2018)

1. *Added support for Multi-Language Content on iKVM / HTML5 option menu and sub-menus.*
2. *Changed message format based on new specifications.*
3. *Fixed problem of CPU 2 Memory DIMM H1 (infrequently) dropping after off/on event.*
4. *Fixed failure of Redfish Automation Tool test.*
5. *Fixed problem of CPU fan duty cycle being unstable on standard or heavy IO in PUE2 mode.*
6. *Fixed problem of CPU fan duty cycle being inaccurate on PUE2 mode.*
7. *Fixed problem of Memory fan duty cycle being unstable on standard or heavy IO in PUE2 mode.*
8. *Fixed missing ECC/UECC DIMM Location in BIOS event log.*
9. *Fixed failure of SUM test.*
10. *Fixed failure of IPMI SUM test.*
11. *Fixed incorrect BMC fan speed control mode.*