

IPMI Firmware / BIOS Release Notes Form

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Product Name	H11DSU-iN (All)
Release Version	1.52.18
Release Date	01/30/2023
Previous Version	1.52.15
Update Category	Recommend
Dependencies	N/A
Important Notes	<p>Please note that IPMI firmware version v1.52.18 or newer is with key signed. Once you upgrade to this version firmware, the device cannot rollback to previous un-signed IPMI firmware.</p> <p>Please note that, following configuration items will get 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.</p> <p>"KCS Privilege", "UID Control", "Web Session", "Healthy Event log - advanced settings", "syslog", "network -Dynamic IPv6" and "network – Static IPv6".</p>
Enhancements	<ol style="list-style-type: none">1. Prolong execution time on VRM utility.2. Change to sign FW.
New features	N/A
Fixes	<ol style="list-style-type: none">1. The OTP function in the VRM chip is disabled by the BMC side due to instability

Release Notes from Previous Release(s)

1.52.15 (2021/11/08)

1. Remove VRMSoc sensor of H11DSU
2. DIMM drop occurred after the DC on/off test

1.52.13 (2021/06/23)

1. Improve BMC's access to the system SMBus(when the system is reset).
2. Add INTEL E810 and Broadcom BMC57508 chipset/ Add retry mechanism to avoid I2C unstable situation.
3. [111616] [IPMI 1.52.04 ECO] Can't find the url for "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
4. Improved NVMe BPN recognition and support for more CPLD generation 2 formats(0x55~0x58), 0x55 - CPLD GEN2 format, 0x56 - CPLD GEN2 format with date code, 0x57 - MCU GEN2 format, 0x58 - MCU GEN2 format with date code
5. BIOS cannot successfully read/write redriver for NVMe during boot.
6. [121769] STD – 17212 – 01.23.05 -- [Security] Special characters at Configuration DDNS
7. [120855] No NVMe sensor reading on IPMI WebGUI.
8. [116449] Can't configure BIOS over Redfish
9. [116115] Fail to set user name with special characters thru SMCIPMITool
10. [116532]“Can't eject NVMe HDD successfully and the there are typo
11. [116114] Standard -- 10922 -- 1.52.07 --Popup message is inconsistent with behavior
12. [115459] ECO --10922 -- 01.52.06(07/27/2020) -- Can't save sensor table as CVS file(use FireFox browser)
13. [115460] ECO --10922 -- 01.52.06(07/27/2020) -- SSL Certification confirm window has typo
14. [IPMI 1.52.04 ECO] Can't find the url for "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
15. [114239] [GPU compatibility]System Firmware Error was asserted during cburn ONOFF test.
16. [111529] [IPMI 1.52.04 ECO] IPMI automation failed.
17. [110493] [TAS_1.6.0_build.200514]IPMICFG cannot get information normally under SLES 12 SP4
18. [110318] GPU Status show N/A on IPMI Web Sensor Readings when NVIDIA Tesla V100S were installed
19. [107373] Yellow Icon in the System Health No event Log.
20. [108440][IPMIECO 03.09.04] IPMI automation test failed.
21. [105768][SIOM] AOC-M25G-i2SM LED Link issue
22. [104583][SMCIPMITools V2.23.x] got fail result via smstc (TC 131 ipmi oem x10cfg ddns..) on the H11DSU-iN
23. [103696][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1"
24. [104209][Flash BIOS fail] Fail to flash BIOS via IPMIweb w/ SMT_H11AST2500_32M_152_01 but passed on SMT_H11AST2500_32M_152_0
25. [103796][ECO]Power on system onboard buzzer still beep when after trigger thermal trip event

26. Modify the Redfish PATCH method at `"/Systems/1/Bios"` and `"/Systems/1/Bios/SD"` to allow updating of BIOS attributes.
27. Update for NCSI 100G patch
28. [103696][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1", [103694][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1"
29. [103796][ECO]Power on system onboard buzzer still beep when after trigger thermal trip event

1.52.00 (2019/11/18)

1. [Unique password] Improved ADMIN password is incorrect after reloading IPMI configuration
2. BMC FW solution to program and store unique pre-programmed password
3. Display advanced power readings through DCMI (Data Center Management Interface) for AMD platforms
4. Supported IPMI FW version have third number (build version).
5. 299-00-181031-002 BMC Account Security.
6. 299-00-190220-001 Requested standard BMC FW modification features: #1, Modification for event severity.
7. 299-00-190118-001 Requested standard BMC FW modification features: #8, Send all event log (Health & Maintenance) to Syslog server.
8. 299-00-190220-001 Requested standard BMC FW modification features: #3, Add UefiPxe in Redfish System boot order. Defines the boot option from the ComputerSystem_v1 in Redfish metadata.
9. Fixed [103088][IPMI ECO 1.50.0] System will not have any screen after flashing BIOS
10. Fixed [100467][SPM][ROME] Issues on SPM REST API
11. Fixes [103149]There is no relevant log when CPU Temperature has increased and meet the 95 degrees threshold [Critical Upper Limit (Red Color)]
12. Fixed CPU throttled would occur when running Linpack with ROME CPU.
13. Fixed SOL window cannot launch.
14. Fixed [98267] SEL show error message after AOC-S3108 update firmware; [98232] [IPMI ECO] Health Event Log Shows Error Message after SAS 3108 FW Update via IPMI Web GUI; [98082] SEL show error message after AOC-S3108 update firmware; [98081] SEL show error message after AOC-S3108 update firmware; [97624] X11 BMC: During AOC firmware update, BMC reported error.
15. Fixed [100726] There's FAN9 sensor reading item in IPMI sensor readings page.
16. Fixed Supermicro BMC Virtual Media Multiple Vulnerabilities.
17. Fixed [100129][IPMI ECO 1.46] Compare new_bmccfg_006_029.xml with bmccfg_after_update_006_029.xml -- FAIL