

# IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H11DST-B</b>
<b>Release Version</b>	<b>1.46</b>
<b>Release Date</b>	<b>5/22/2019</b>
<b>Previous Version</b>	<b>1.44</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>IPMI Image: SMT_H11AST2500_32M_146.bin IPMI Update Package: SMT_H11AST2500_32M_146.ZIP</b>
<b>Enhancements</b>	<b>1. Adjusted the VDDCR threshold for all H11 projects. 2. Improved SMBIOS data loss when AC is on.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed inability of the power value of SPM to match the power value of IPMI and power meter. 2. Fixed incorrect KEYPAD * and + key maps via IPMI iKVM console and KEYPAD on physical keyboard. 3. Fixed issue with BIOS upgrade format under Web GUI. 4. Fixed problem of degraded &amp; unavailable SEL event appearing after Broadcom 3108 firmware is updated. 5. Fixed mismatch of Redfish FullList Allowed Operation. 6. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.</b>

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

##### **1.44 (3/06/2019)**

1. Patched for CVE-2019-6260 pantsdown.
2. Changed the naming for Health Event Log & Maintenance Event Log in Web UI.
3. Moved NIC/GPU URLs from chassis/ into systems/.
4. Changed the naming for Health Event Log & Maintenance Event Log in Redfish.
5. Prevented possible issues with setting up IPV6 and VLAN.
6. Added support for the riser feature with multi-chip.
7. Enabled clearing all system event logs without generating any log.
8. Enabled dumping all the system event logs.
9. Fixed the issue of the DIMM sensor disappearing when CPU 2 is not installed after 30 minutes of startup.
10. Fixed issue of "Save uncompleted" message appearing when changing time and saving it on IPMI Web.
11. Fixed multiple Web UI formatting issues.
12. Fixed the issue with CPU throttle.
13. Fixed missing deassert log after system recovers from CPU overheat.
14. Fixed inability to clean IPMI Hostname and issues of the session timing out after accessing system event log page and BMC continuously rebooting.
15. Fixed failure of IPMI SOL.
16. Added support for NVIDIA T4 GPU device.
17. Fixed malfunction of IPMI Web Date & Time Configuration.
18. Fixed issue of the system status not referencing PSU state when AC is lost.
19. Fixed problem of BMC being damaged after running ARP stress test for over 24 hours.
20. Corrected pop-up message when deleting a group in Active Directory.
21. Fixed issue with BMC memory leak.
22. Corrected grammar error on the Alert page.
23. Fixed failure to save LDAP port to 389 after it was saved as SSL-enabled 636 in Web.
24. Fixed the issue of a fan error message appearing during AC ON/OFF test when the fan is not connected to the system.

##### **1.38 (8/31/2018)**

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 API test.
12. Fixed failure of Redfish Automation Tool test.

##### **1.34 (05/30/2018)**

1. Adjusted the SOCRUN threshold for all H11 projects.
2. Added NVMe backplane support for BPN-NVMe3-217BHQ and BPN-SAS3-217BQH-N4.

3. *Added AMD-specific OEM command set 0x30 0x80 to read the current package power of CPU and set safe package power of CPU.*
4. *Added support for NVMe hotplug and software ejection and insertion.*
5. *Added support for smart power in BigTwin type.*
6. *Fixed inability to run Redfish Automation Tool and implemented use of PWROK to filter out abnormal PMBAAlert interrupt triggers to avoid system startup delays.*
7. *Fixed problem of the BMC receiving "CPU1 Temp - Processor Automatically Throttled - Assertion" event log every time the system is powered on via AC On and then manually powered off via DC Off.*
8. *Fixed incorrect display of power consumption.*
9. *Fixed failure of UID to shut off.*
10. *Fixed inability to detect AOC\_NIC\_Temp sensor.*
11. *Fixed fan problem on idle.*

**1.27 (04/13/2018)**

1. *Fixed problem of CPU 2 Memory DIMM H1 (infrequently) dropping after off/on event.*
2. *Fixed failure of Redfish Automation Tool test.*