

## IPMI Firmware / BIOS Release Notes Form

*Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.*

<b>Product Name</b>	<b>H11DSU-iN (All)</b>
<b>Release Version</b>	<b>1.52.0</b>
<b>Release Date</b>	<b>11/18/2019</b>
<b>Previous Version</b>	<b>1.46</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO #23056 IPMI Image SMT_H11AST2500_32M_152_0.bin</b>
<b>Enhancements</b>	<b>1. Corrected ADMIN password after reloading IPMI configuration.</b>
<b>New features</b>	<b>1. Added support for third number (build version) of IPMI firmware version. 2. Added BMC Account Security. 3. Added modification for event severity. 4. Enabled sending all event logs (Health &amp; Maintenance) to Syslog server. 5. Added UefiPxe to Redfish System boot order. 6. Added display of advanced power readings through DCMI (Data Center Management Interface) for AMD platforms. 7. Added BMC firmware solution to program and store unique preprogrammed password.</b>

Fixes	<ol style="list-style-type: none"><li>1. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.</li><li>2. Fixed failure of comparison between new_bmccfg_006_029.xml and bmccfg_after_update_006_029.xml.</li><li>3. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.</li><li>4. Fixed missing relevant log when CPU Temperature increases and meets the 95 degree threshold.</li><li>5. Fixed failure of system to display screen after flashing BIOS.</li><li>6. Fixed issues with SPM REST API PASS.</li><li>7. Fixed problem of CPU throttling occurring when running Linpack with ROME CPU.</li><li>8. Fixed inability to launch SOL window.</li><li>9. Fixed item "FAN9" display in IPMI sensor readings page.</li></ol>
-------	--

**V1.46 (5/22/2019)**

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 mismatch of Redfish FullList Allowed Operation.*
16. *Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.*
17. *Fixed failure to save LDAP port to 389 after it was saved as SSLEnabled 636 in Web.*
18. *Fixed the issue of a fan error message appearing during AC ON/OFF test when the fan is not connected to the system.*
19. *Fixed problem of DCMS license activation showing inconsistent results between IPMI firmware 1.52 and 1.61.*
20. *Fixed inability to detect MI25 GPU.*
21. *Fixed issue of "Save uncompleted" message appearing when changing time and saving it on IPMI Web.*
22. *Fixed multiple Web UI formatting issues.*
23. *Fixed the issue with CPU throttle.*
24. *Fixed missing deassert log after system recovers from CPU overheat.*
25. *Fixed inability to clean IPMI Hostname and issues of the session timing out after accessing system event log page and BMC continuously rebooting.*
26. *Fixed failure of IPMI SOL.*
27. *Added support for NVIDIA T4 GPU device.*
28. *Fixed malfunction of IPMI Web Date & Time Configuration.*
29. *Fixed failure of the system status to reference PSU state when AC is lost.*
30. *Fixed problem of BMC being damaged after running ARP stress test for over 24 hours.*
31. *Corrected pop-up message when deleting a group in Active Directory.*
32. *Fixed issue with BMC memory leak.*
33. *Corrected grammar error on the Alert page.*
34. *Fixed failure of NVMe Eject and insert Event log.*

**V1.38 (8/31/2018)**

1. *Added AMD-specific OEM command set: 0x30 0x80.*

2. *Added new OEM commands for CPU power capping.*
3. *Adjusted the SOCRUN threshold for all H11 projects.*
4. *Fixed failure of IPMI after running power control tests.*
5. *Fixed problem of IP Access Control Issue being reported from CRM #SM1806148647.*
6. *Fixed problem of EVENT SEVERITY in the email alert content being inconsistent with the info set on IPMI Configuration.*
7. *Fixed incorrect IPMI pop-up message when performing Factory Default on IPMI Web.*
8. *Fixed problem of BIOS screen reporting less memory after power cycle.*
9. *Fixed inability of BMC 1.37 to modify the event log on WebGUI.*
10. *Fixed inability to clean IPMI Hostname.*
11. *Fixed problem of sensor showing "RED" after every AC cycle chassis intrusion.*
12. *Fixed problem of NVMe temperature staying high on sensor reading page when NVMe temperature cools down.*
13. *Fixed failure of Redfish API test.*

#### **V1.30 (3/12/2018)**

1. *Added support for NVMe hotplug and software ejection & insertion.*

#### **V1.28 (1/4/2018)**

1. *Adjusted the CPU and SOC voltage thresholds in SDR file.*
2. *Added support for new Thermal Guide (SIM\_TDG REV. 4.06).*
3. *Improved the help message descriptions to adhere to Help Menu Suggestions v1.8.*
4. *Modified event message format based on new event specifications.*
5. *Improved multi-language content on the iKVM/HTML5 option menu and submenu.*
6. *Changed the default FAN mode from PUE to Optimal.*
7. *Changed VDDCR and SOCRUN threshold to fix FTU (SOCRUN) function test error message.*
8. *Fixed issue with FAN curves.*
9. *Fixed failure of GetBMCCfg.*
10. *Fixed issue of IPMI only reporting 2 GPU temperatures when 3 P40 GPUs are installed.*
11. *Fixed failure of SUM test.*
12. *Fixed inability of FAN mode to adhere to thermal guideline 4.06.*
13. *Fixed problem of memory P2 DIMM H1 dropping when running on/off.*
14. *Fixed incorrect IPMI FAN mode.*