

# IPMI Firmware Release Notes Form

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<b>Product Name</b>	<b>H13SSW</b>
<b>Release Version</b>	<b>01.06.04</b>
<b>Build Date</b>	<b>11/28/2025</b>
<b>Previous Version</b>	<b>01.04.07</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>BIOS 3.7</b>
<b>Important Notes</b>	<p><b>BMC_H13AST2600-ROT-1401MS_20251128_01.06.04_STDsp.bin - BMC Image</b> <b>BMC_H13AST2600-ROT-1401MS_20251128_01.06.04_STDsp.zip - BMC image and flash utility package</b></p> <p><b>For AMD EPYC™ 9005 Series Processor support, ensure your motherboard revision is R2.0 or higher with BIOS v3.0 or higher and BMC v01.03.03 or higher.</b> <b>Ensure an AMD EPYC™ 9004 Series processor is installed before rolling back the BIOS from v3.x (AMD EPYC™ 9004/9005 Series processors, dual BIOS) to v1.x (AMD EPYC™ 9004 Series processors, single BIOS).</b></p>
<b>Enhancements</b>	NA
<b>New Features</b>	<ol style="list-style-type: none"><li><b>1.AD/LDAP Account and Connection test</b></li><li><b>2.Redfish Support - CPU Power Capping support in 13th generation platforms</b></li><li><b>3.Redfish 2024.4 - TPM OOB Mgmt. enhancement- ECC Key &amp; TrustedComponent</b></li><li><b>4.New Redfish support Log Collection (Phase1)-BMC, BIOS Debug logs and One-Click Dump</b></li><li><b>5.Support Strong Cipher for SNMPv3</b></li><li><b>7.AccountService SupportAccountTypes</b></li><li><b>8.New Redfish support PhysicalSecurity Chassis IntrusionSensor</b></li><li><b>9.Redfish support system and manager STD logservice dump for Manager, PreOS, and AllLog</b></li></ol>
<b>Fixes</b>	<ol style="list-style-type: none"><li><b>1.Fixed the issue that module Type of MEM9–12 Displayed as 'Unknown' in CheckAssetInfo mapping to SMBIOS_SPEC_3_8_0.pdf and DSP0268_2025.2.pdf</b></li></ol>

	<p>2.(CVE-2025-7623) SMC-2025070001 Supermicro BMC SMASH services has a Stack-based buffer overflow vulnerability</p> <p>3.(CVE-2025-8404) SMC-2025070006 Stack buffer overflow vulnerability exists in the Supe</p> <p>4.CVE-2025-7704 SMC-2025070002 Supermicro BMC SMASH services has a variable overwrite</p> <p>5.Fixed the issue that Web UI -- There are no spec about the license hint content. Root cause: Missing popup message for license requirement on System Diagnostic page. Solution: Add popup message for license requirement on System Diagnostic page.</p> <p>6.Fixed the issue that WEB -- The pop-up message 'System diagnostics in progress, please wait.' will disappear after switching to another page Root cause: Missing popup message for license requirement on System Diagnostic page. Solution: Add popup message for license requirement on System Diagnostic page.</p> <p>7.Fixed the issue the PPTLimit will be set to 0 after I disable the Automatic Power Cap</p>
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## **Release Notes from Previous Release(s)**

### **01.04.07 (2025/10/02)**

#### *[Fixes]*

1. Fixed some issues in BMC WebUI test.
2. Fixed issue where DCMS activated after AC cycle.

### **01.04.00 (2025/05/23)**

#### *[Enhancements]*

1. Update GPU threshold according to Supermicro GPU temperature threshold v1.05

#### *[Fixes]*

1. Fixed the issue that inconsistent display when adding an IPv6 all-zero address in the IP Access Control Page.

### **01.03.11 (2025/02/18)**

#### *[New Feature]*

1. Added support for AMD Turin MCTP bridging.

#### *[Fixes]*

1. Fixed issue where Xilinx MA35D sensor readings were not displayed in the BMC UI.
2. Fixed issue where the NIC firmware update failed when using the IPMI WebGUI.
3. Aligned the popup message for iKVM reset with the specification.
4. Corrected the DateTime displayed after a PATCH request in the Date and Time Configuration.
5. Fixed issue where the IPv6 DNS server IP could not be saved.
6. Fixed issue that PLDM link down status failed to update.
7. Fixed issue the transceiver sensor reading showed overheating when a transceiver was plugged in for 5 minutes.
8. Fixed issue where the Redfish API version was inconsistent across the BMC Web UI and release notes.
9. Fixed issue where sensors took over 12 minutes to become available after booting into UEFI/Linux.

#### *[Enhancements]*

1. Modified the CPU threshold to 100.

### **01.03.03 (2024/09/26)**

#### *[New Feature]*

1. Added event log: "[CPU-0021] CPU exceeds the current motherboard's thermal design power (TDP)

#### *[Fixes]*

1. Fixed the naming to 'Cooling' instead of 'FAN' in the BMC web Component Info (Air Cooling).
2. Fixed the issue where the IPMI web memory page did not detect memory speed
3. Fixed inconsistent description on the Virtual Media help page.
4. Fixed the naming of PSU fan

### **01.02.06 (2024/05/10)**

#### *[Fixes]*

1. Fixed switch Remote Control interface fail from HTML5 to Java plug-in after do iKVM reset
2. Fixed front panel over heart led fail
3. Fixed the MEL displayed mismatch issue with SMCIPMITool when add user via WEB UI.
4. Fixed the typo of virtual Media error message.

5. *Fixed the severity malfunction on MEL page after changing network setting*

### **01.02.03 (2024/03/18)**

*[Fixes]*

1. *Fixed SATC Error: Test URIs Reachable When DCMS Activate*
2. *(CVE-2023-4879) Terrapin Attack*
3. *(CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability*
4. *(CVE-2023-33413) SMC-2024010012 Command Injection attack*
5. *Fixed to trap in an endless loop of backup CPLD Golden*

### **01.01.13 (2023/12/26)**

*[New Feature]*

1. *Support AMD SB-RMI version 2.1*
2. *Enable 16-bit POST code*

*[Fixes]*

1. *Radio buttons of Host interface aren't disabled when system lockdown mode is on.*
2. *Nagios doesn't have event in Supermicro Event Receiver after removal of fan or power cord.*
3. *IP access control is allowed for identical duplicate rules*
4. *Sensor list fails when temperature sensor is greater than or equal to 32.*
5. *Help page not list related info of SSDP & LLDP.*
6. *"Verify SSL Certificate" and "Accept Self-signed Certificate" shouldn't be selected if setting File Server to http://xxxxx.*
7. *[ASG-2015S-E1CR24H] BMC "Physical View" function will abnormal after click "Make/Remove JBOD" function item.*

### **01.01.08 (2023/10/06)**

*[Enhancements]*

1. *BMC UI Enhancement.*
2. *Updated AMD RAS crash dump.*
3. *Supported IPv6 enhancement.*
4. *Updated CPLD Golden image event log.*
5. *Modified Dedicated Link options*

*[Fixes]*

1. *Fixed the issue in which MEL did not match when Alert SNMPv3 was set up.*
2. *Fixed MEL-0135 display message.*
3. *Fixed not obtaining IP .*
4. *Fixed IPv4 DNS setting comparison wasn't the same after executing "ChangeBmcCfg" command via SUM.*
5. *Fixed WEB -- MEL info was incorrect after ikvm reset.*
6. *Fixed remote console preview current interface.*
7. *Fixed IPMI display "PCIE PERR error" when memory UECC.*
8. *Fixed ISO not mounted via SMCIPMITool when Virtual Media was not mounted any ISO or floppy.*
9. *Fixed Redfish credential bootstrapping and needed key-in user and password when flashing BIOS on H13SSW.*
10. *Fixed CPU Speed issue in SSM System Information on H13SSW*
11. *Disabled IPMI Lan Port Interface.*

### **01.00.20 (2023/07/05)**

*[Fixes]*

1. *Fixed the issue in which MEL did not match when Alert SNMPv3 was set up.*
2. *Fixed the issue in which no related MEL was created when LDAP and Active Directory were enabled.*
3. *Fixed the problem of GUI table fields appearing incompletely.*
4. *Changed the upper critical temperature to 80°C for Samsung NVMe drives.*
5. *Fixed the problem of SEL showing the "[LAN-0006] Dedicated LAN Link Down - Assertion" and "[LAN-0005] Dedicated LAN Link Up - Assertion" messages.*
6. *Added valid Prefix length128 for IPv6 Static Route List.*

**01.00.18 (2023/04/27)**

*[Enhancements]*

1. *Enhanced Power Event Handler.*
2. *Added PWROK\_SENSE and RST\_SENSE debounce mechanism.*
3. *Expanded IPMI OEM 80 commands.*

*[Fixes]*

1. *Fixed boot exceptions.*
2. *Fixed issue with the Chassis Intrusion Reset button not graying out when System Lockdown Mode was ON.*
3. *Modified the I3C clock parameters to be compatible with more DIMM models.*
4. *Fixed issue with the help tips not showing in SSDP.*

**01.00.14 (2023/02/10)**

*[Enhancements]*

1. *Fixed NVMe eject/insert glitches.*
2. *Fixed the problem of SMBUS reading and writing an NIC card.*

*[Fixes]*

1. *Fixed incorrect power status*
2. *Fixed the error of MEL display ID 0xd6 after BIOS was updated.*
3. *Fixed the issue with the task messages failing to display when BIOS update was complete.*
4. *Fixed the incorrect display of DIMM names when DIMMs were inserted from slot G1 to F1.*

**01.00.06 (2022/11/15)**

*First release.*