

# IPMI Firmware Release Notes Form

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<b>Product Name</b>	<b>H12SSW-iN/NT (All)</b>
<b>Release Version</b>	<b>03.10.45</b>
<b>Release Date</b>	<b>11/12/2024</b>
<b>Previous Version</b>	<b>03.10.43</b>
<b>Update Category</b>	<b>Recommend</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO #30822 IPMI Image: BMC_H12AST2500-B101MS_20241112_03.10.45_STDsp.bin Please update IPMI with the attached Flash Utility in package.</b>
<b>Enhancements</b>	<b>Add GPU NVL4 sensor showing in the BMC web.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>N/A</b>

## Release Notes from Previous Release(s)

Rev. 3.10.43 (2024/07/17)

1. Fixed the security issues.

Rev. 3.10.38 (2023/08/07)

1. (CVE-2023-33413) SMC-2023050655 IPMI configuration backup file remote command execution
2. (CVE-2023-40287) SMC-2023100012 XSS attack
- (CVE-2023-40288) SMC-2023100012 XSS attack
- (CVE-2023-40286) SMC-2023100012 XSS attack

Rev. 3.10.31 (2022/12/09)

Ignore the unknown OEM error from the BRCM card report, because the i2c signal was not stable.

Rev. 3.10.26 (2022/05/31)

fixes the "User Name" reload incorrectly while using a special character

Rev. 3.10.25 (2022/03/09)

1. Adjust CPU temperature UCR and UNR
2. Support Realtek RTL8211FD
3. Fixes when the user want to add a name has an underscore " \_ "
4. Fix security issue of UPNP Web Server for SSDP; CWE-200, CWE-798.

Rev. 3.10.19 (2021/08/09)

1. Customer report issue, the CPU voltage (SOC RUN) will be triggered by VMWare.
2. [126862] "STD---1.72.12-- Unable to save valid domain name on AD page

Rev. 3.10.13 (2021/01/29)

1. Add Kioxia NVMe SSD support.
2. Support CX653106A via PLDM->MCTP->SMBUS.
3. Modify the NVMe controller's API to apply the first and second generation CPLD register tables.
4. Enhancement All platform support BRCM 3008 series.
5. Support AMD GPU MI50.
6. Modify the Redfish PATCH method at "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
7. Update for NCSI 100G patch
8. Remove all fan running 40% under idle mode.
9. Filter out abnormal values of VRM sensors especially 0xFF.
10. DCM power reading Improvement.
11. Support x710 over PLDM->MCTP->SMBUS.
12. Modify Fan speed limit.
13. Fixes Some IPMI page display is abnormal with IE browser.
14. Fixes [SMCIPMITools V2.23.x] got fail result via smstc (TC 131 ipmi oem x10cfg ddns..)
15. Fixes [SSM 3.2.x] IPMI security issue: Fail to login the hostname w/ " \_ " char via IPMIweb but it still can capture the screenshot via IPMIweb for the SSM/OS deploy-fail test

Rev. 3.10.09 (2020/11/17)

1. Fixed AMD platform NVMe can't get CPLD version when use system bus to probe.
2. Fixed the ikvm reset causes the remote console to disconnect.
3. fixed the MB has an issue which 'Event Log' at IPMI SEL screen is overlapped with 'Keyword Search'
4. Fixes [BIOS Setup menu] IPMI - BMC Network Configuration/IPv6 Support did not restore to default setting "Enable" but disable, while flashing BMC via BMC WebUI w/o check Preserve Config items until press F3 to load default.
5. Fixed the system status always shows critical on IPMI Web.
6. Add the NVMe temperature rules for d4 command.

Rev. 3.10.04 (2020/06/12)

1. Add Kioxia NVMe SSD support.
2. Support CX653106A via PLDM->MCTP->SMBUS.
3. Modify the NVMe controller's API to apply the first and second generation CPLD register tables.
4. Enhancement All platform support BRCM 3008 series.
5. Support AMD GPU MI50.
6. Modify the Redfish PATCH method at "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
7. Update for NCSI 100G patch
8. Remove all fan running 40% under idle mode.
9. Filter out abnormal values of VRM sensors especially 0xFF.
10. DCM power reading Improvement.
11. Support x710 over PLDM->MCTP->SMBUS.
12. Modify Fan speed limit.
13. Fixes Some IPMI page display is abnormal with IE browser.
14. Fixes [SMCIPMITools V2.23.x] got fail result via smstc (TC 131 ipmi oem x10cfg ddns..)
15. Fixes [SSM 3.2.x] IPMI security issue: Fail to login the hostname w/ " \_ " char via IPMIweb but it still can capture the screenshot via IPMIweb for the SSM/OS deploy-fail test

Rev. 3.09.02 (2019/12/16)

1. IPMI supports the commands required by SPM in the ROME CPU.  
2. Improved ADMIN password is incorrect after reloading IPMI configuration  
3. Fixes PBID# 103696; smcipmitools V2.23.x; get fail output w/ command "ipmi lan protocol 1"  
4. Fixes PBID# 103796 Power on system onboard buzzer still beep when after trigger thermal trip event  
5. Fixes PBID# 103724 Redfish automation test fail. ; PBID# 104114 Redfish SATC failed  
Revision 3.03 (2019/06/13)  
First release.