

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H12SSW-iN/NT (All)</b>
<b>Release Version</b>	<b>3.10.04</b>
<b>Release Date</b>	<b>06/12/2020</b>
<b>Previous Version</b>	<b>3.09.02</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO #24243</b> <b>IPMI Image SMT_H12AST2500_64M_31004_V.bin</b> <b>Please update IPMI with attached Flash Utility in package.</b>
<b>Enhancements</b>	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
<b>New features</b>	N/A
<b>Fixes</b>	1. Remove all fan running 40% under idle mode. 2. Filter out abnormal values of VRM sensors especially 0xFF. 3. DCMI power reading Improvement. 4. Support x710 over PLDM->MCTP->SMBUS. 5. Modify Fan speed limit. 6. Fixes Some IPMI page display is abnormal with IE browser. 7. Fixes [SMCIPMITools V2.23.x] got fail result via smstc (TC 131 ipmi oem x10cfg ddns..) 8. 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

**Release Notes from Previous Release(s)** – these will be appended at the bottom of the current release notes in italic and in smaller print

*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*

*1. Fixes PBID# 103696; smcipmitools V2.23.x; get fail output w/ command "ipmi lan protocol 1"*

*2. Fixes PBID# 103796 Power on system onboard buzzer still beep when after trigger thermal trip event*

*3. Fixes PBID# 103724 Redfish automation test fail. ; PBID# 104114 Redfish SATC failed*

*Revision 3.03 (2019/06/13)*

*First release.*

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Product Manager

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Date