

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H11DSU-iN (1.02A)</b>
<b>Release Version</b>	<b>1.3</b>
<b>Release Date</b>	<b>7/15/2019</b>
<b>Previous Version</b>	<b>1.2</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO #22742 BIOS Image H11DSU9.715 Please update BIOS with attached Flash Utility in package.</b>
<b>Enhancements</b>	<b>1. Updated AMI 5.013_NaplesCrb_0ACIJ022 for bug fixes. 2. Added "SMBIOS preservation" item.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed compiler issue of SMCPKG_SUPPORT token for power button 4 seconds override. 2. Fixed NVDIMM would generate yellow bang in persistent memory of device manager. 3. Fixed System hangs A9 when running Intel Optane SSD UEFI OPROM. 4. Fixed problem of LSI legacy OPROM cannot output to console redirection. 5. Fixed BMC HW information failed and smbios file exception caused by the PANTSDOWN at first AC power restore. 6. Used AMI solution to resolve the problem of NUMA function. 7. Fixed problem of Type 9 CurrentUsage of SXB3 no define value.</b>

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|  | <ul style="list-style-type: none"><li>8. Security updated for "Secure Encrypted Virtualization Invalid ECC Curve Points (SEV ECC) in Linux Operating System".</li><li>9. Fixed problem of BIOS log ECC error as "Multi Bit ECC Memory Error" when system generated ECC error log.</li><li>10. Fixed problem of BIOS Recovery function.</li><li>11. Fixed No recovery message display when system is under recovery mode.</li></ul> |
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**1.2 (2/21/2019)**

1. Updated AGESA NaplesPI to 1.0.0.B based on AMI 5.013\_NaplesCrb\_OACIJ021.
2. Updated ASPEED VBIOS to version 1.09.00.
3. Displayed Driver Health page in Setup and added warning messages when the driver is unhealthy.
4. Added support for SUM AMD PSP region update feature flag for BIOS update and DMI check.
5. Upgraded memory speed from 2400 to 2666MHz when a 2R DIMM is installed in a channel.
6. Set IPMI VLAN ID range to 1-4094 and changed IPMI strings.
7. Changed secure boot keys to SUPERMICRO secure boot keys.
8. Fixed problem of system hanging when installing NVidia RTX 2080/5000/6000.
9. Fixed failure of NVMe hot plug test.

**1.1c (10/4/2018)**

1. Patched memory incompatibility and memory size reading issues.
2. Added CPU crash dump function.
3. Fixed failure of SUM test case 210.
4. Fixed inability of VGA priority to switch to offboard VGA card.
5. Fixed problem of MAC addresses of the Mellanox card displaying error in BMC WebGUI.

**1.1b (8/20/2018)**

1. Updated AGESA NaplesPI to 1.0.0.9 based on AMI CRB\_019.
2. Set different NVMe redriver values for different backplanes.
3. Updated PSP fixed region when using AFU tool.
4. Added support for NVMe hotplug function with AOC-UR-i2XT UIO riser card.
5. Set 24-bay backplane offset 0x03 to 0x0C for detecting the last 12 NVMe ports.
6. Updated Intel i350 PXE ROM to 1.5.84 and UEFI driver to 5.3.00.
7. Updated X540 PXE ROM to v2.3.64.
8. Fixed problem of Memory configuration page being hidden.
9. Fixed inability of Mellanox CX-4 to work in Linux when 2TB memory is installed.

**1.1a (4/26/2018)**

1. Updated AGESA NaplesPI to 1.0.0.7 based on AMI CRB\_017.
2. Added support for graphic in Early Video mode.
3. Added support for a hidden item "Memory Corrected Error Enabling" to disable OS logs CECC error.
4. Added support for NVMe hotplug
5. Fixed inability to execute the iSCSI OPROM of Intel x550 LAN card.
6. Updated AMI PSPDATA region and FV\_BB in recovery mode.
7. Fixed problem of UEFI LAN driver executing when CSM is disabled and onboard LAN Option ROM Type is Legacy.
8. Fixed the location of SMCI signature in CMOS.
9. Fixed problem of SMBIOS types 1 and 2 not being kept after flashing BIOS.
10. Fixed inability to keep DMI data and some BIOS settings after SUM updates BIOS.