

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H11DST-B-P (All)</b>
<b>Release Version</b>	<b>1.3</b>
<b>Release Date</b>	<b>7/29/2019</b>
<b>Previous Version</b>	<b>1.1c</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>BIOS Image: H11DSTB9.729 BIOS Update Package: H11DSTB9.729.ZIP</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li><b>1. Implemented security update to correct for "Secure Encrypted Virtualization Invalid ECC Curve Points (SEV ECC) in Linux Operating System" to address CVE-2019-XXXXX.</b></li><li><b>2. Updated AMI (BETA) 5.013_NaplesCrb_0ACIJ022 for some bug fixes.</b></li></ol>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li><b>1. Fixed problem of system hanging at A9 when running Intel Optane SSD UEFI OPROM.</b></li><li><b>2. Fixed inability of LSI legacy OPROM to send output to console redirection.</b></li><li><b>3. Fixed failure of BMC hardware information and SMBIOS file exception caused by the pantsdown at first AC power restore.</b></li><li><b>4. Fixed malfunction of NUMA.</b></li><li><b>5. Fixed problem of BIOS logging ECC error as "Multi Bit ECC Memory Error" when system generates ECC error log.</b></li></ol>

## ***Release Notes from Previous Release(s)***

### ***1.1c (4/15/2019)***

1. Fixed inability of the website "AER/MCE ENABLE/DISABLE FOR XML FORMAT" to find the setting of item "Correctable Error Threshold".
2. Added vendor and status info to the driver health warning message.
3. Updated AGESA NaplesPI to 1.0.0.B based on AMI 5.013\_NaplesCrb\_0ACIJ021.
4. Changed secure boot keys to Supermicro secure boot keys.
5. Hid Driver Health page for SUM.
6. Updated valid range of IPMI setup item VLAN ID to 1-4094.
7. Enabled driver health message.
8. Updated ASPEED VBIOS to version 1.09.00.
9. Enhanced CPU and Memory compatibility.
10. Set the PCIe speed of ASPEED BMC to run as Gen1 to correct for issue of unexpected electrical idle signal causing AST2500 PCIe controller link failure.
11. Fixed incorrect power supply characteristics of SMBIOS type 39.
12. Fixed inability of system to wake on PCIe LAN.
13. Fixed problem of system hanging when installing NVidia RTX 2080/5000/6000.
14. Fixed excessive delay of boot to enter login screen with Linux Redhat legacy OS.
15. Fixed compiler issue with SMCPKG\_SUPPORT token for power button 4-second override.
16. Fixed problem of prefetchable memory size of root bridge allocating over 1M in close VGA decode phase.
17. Fixed display error of SIOM 1G Broadcom LAN MAC address.
18. Fixed problem of NVDIMM generating yellow bang in persistent memory of device manager.

### ***1.1b (11/23/2018)***

1. Patched missing PSU information in BMC web if common header is empty.
2. Updated AGESA NaplesPI to 1.0.0.A based on AMI 5.013\_NaplesCrb\_0ACIJ020.
3. Upgraded memory speed from 2400 to 2666MHz when a 2R DIMM is installed in a channel.
4. Displayed the driver health support pages to support LSI (Broadcom 9440-8i) driver health status.

### ***1.1a (10/04/2018)***

1. Patched memory incompatibility and memory size reading issues.
2. Added CPU crash dump function.
3. Fixed failure of SUM test case 210.

### ***1.1 (08/21/2018)***

1. Updated AGESA NaplesPI to 1.0.0.9 based on AMI CRB\_019.
2. Updated Intel i350 PXE ROM to 1.5.84 and UEFI driver to 5.3.00.
3. Updated X540 PXE ROM to v2.3.64.
4. Fixed inability of Mellanox CX-4 to work in Linux when 2TB memory is installed.

### ***1.0c (05/02/2018)***

1. Updated AGESA NaplesPI to 1.0.0.7 based on AMI CRB\_017.
2. Added support for graphic Early Video mode.

3. Added support for 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 being executed when CSM is disabled and onboard LAN Option ROM Type is Legacy.
8. Fixed the location of SMCI signature in CMOS.
9. Fixed failure to preserve SMBIOS types 1 and 2 after flashing BIOS.
10. Fixed inability to preserve DMI data and some BIOS settings after SUM updates BIOS.

*1.0b (02/07/2018)*

1. Added AOC card support.
2. Added BPN-ADP-6NVMe3-1UB redriver.
3. Added Intel X550/X710 linkwidth workaround.
4. Revised SIOM information in SMBIOS Type 9.
5. Fixed inability to boot to PEX with external LAN card.
6. Updated AGESA NaplesPI to 1.0.0.5 based on AMI CRB\_014.
7. Fixed problem of system stopping in recovery mode when updating BIOS from 1.0a to 1.0b.