IPMI Firmware / BIOS Release Notes Form

Product Name	**H11DSi/H11DSi-NT**
Release Version	**1.3**
Release Date	**6/25/2019**
Previous Version	**1.2**
Update Category	**Recommended**
Dependencies	**IPMI FW v1.46**
Important Notes	**BIOS Image: H11DSI9.625** **BIOS Update Package: H11DSI9.625.ZIP**
Enhancements	1. **Updated AMI (BETA) 5.013_NaplesCrb_0ACIJ022 for some bug fixes.**
New features	**N/A**
Fixes	1. **Fixed problem of system hanging at A9 when running Intel Optane SSD UEFI OPROM.** 2. **Added "SMBIOS preservation" item.** 3. **Fixed inability of LSI legacy OPROM to send output to console redirection.** 4. **Fixed failure of BMC hardware information and SMBIOS file exception caused by the pantsdown at first AC power restore.** 5. **Fixed malfunction of NUMA.** 6. **Implemented security update to correct for "Secure Encrypted Virtualization Invalid ECC Curve Points (SEV ECC) in Linux Operating System".**

1.2 (04/15/2019)

1. Added support for AMD PSP region update feature flag for BIOS update and DMI check of SUM.
2. Fixed inability of the website "AER/MCE ENABLE/DISABLE FOR XML FORMAT" to find the setting of item "Correctable Error Threshold".
3. Added vendor and status info to the driver health warning message.
4. Added "wait for F1 if error" support to driver health warning message.
5. Updated AGESA NaplesPI to 1.0.0.B based on AMI 5.013_NaplesCrb_0ACIJ021.
6. Changed secure boot keys to Supermicro secure boot keys.
7. Updated valid range of IPMI setup item VLAN ID to 1-4094.
8. Enabled driver health message.
9. Updated ASPEED VBIOS to version 1.09.00.
10. Added "On Flash Block Description (APTIO) - AFU Manufacture Control" and set default to disabled.
11. Displayed the driver health support pages to support LSI (Broadcom 9440-8i) driver health status.
12. 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.
13. Fixed incorrect power supply characteristics of SMBIOS type 39.
14. Fixed inability of system to wake on PCIe LAN.
15. Fixed problem of system hanging when installing NVidia RTX 2080/5000/6000.
16. Fixed excessive delay of boot to enter login screen with Linux Redhat legacy OS.
17. Fixed problem of prefetchable memory size of root bridge allocating over 1M in close VGA decode phase.
18. Fixed problem of NVDIMM generating yellow bang in persistent memory of device manager.

1.1c (10/09/2018)

1. Patched memory incompatibility and memory size reading issues.
2. Added CPU crash dump function.

1.1b (09/06/2018)

3. Updated AGESA NaplesPI to 1.0.0.9 based on AMI CRB_019.
4. Updated Intel i350 PXE ROM to 1.5.84 and UEFI driver to 5.3.00.
5. Fixed inability of Mellanox CX-4 to work in Linux when 2TB memory is installed.
6. Fixed missing sensor reading for AOC/Storage on IPMI Web.
7. Fixed problem of LSI 9341-8i showing a yellow bang in legacy Windows 2016 after running its legacy OPROM.
8. Fixed problem of BIOS sending the wrong onboard LAN MAC addresses to BMC when SR-IOV Support is enabled.

1.1a (05/02/2018)

1. Updated AGESA NaplesPI to 1.0.0.7 based on AMI CRB_017.

1.1 (04/13/2018)

1. Updated AGESA NaplesPI to 1.0.0.6 based on AMI CRB_015.
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. Fixed inability to execute the iSCSI OPROM of onboard x550.
5. Fixed problem of system hanging when Intel i350 LAN card is installed on SLOT3 or NVIDIA M10 on SLOT2.
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.

1.0c (02/07/2018)

1. Updated AGESA code to NaplesPI 1.0.0.5 based on AMI CRB_014.
2. Fixed problem of only a single M.2 device being detachable from an AOC-SLG3-2M2 card when installed in slot #3.
3. Fixed inability to enter LSI3108 OPROM by pressing keyboard via USB2.0 ports.

1.0b (12/28/2017)

1. Updated AGESA code to NaplesPI 1.0.0.3.
2. Implemented Machine Check Error (-22) workaround.
3. Added PCIe slot bifurcation support for AOCs.
4. Fixed problem of system stopping at post code 0x91.
5. Fixed problem of USB keyboards not responding when connected via USB 2.0 hub(s).
6. Fixed Memory Interleaving (Disable) functionality.
7. Fixed problem of OS IP being altered after flashing BIOS.
8. Fixed problem of Intel X550/X710 NIC link width dropping.

1.0a (10/31/2017)

1. Updated AGESA to NaplesPI_1.0.0.1 Patch 1.
2. Updated xGMI signal tuning tables.
3. Implemented display of ECC DRAM Error Location in BIOS and recording of log number in BMC SEL.
4. Removed "System Firmware Error (POST ERROR)" logging to BMC.
5. Removed "EFI 01030006" BIOS Event Log.
6. Fixed problem of SATA HDD location on Boot Menu indication not matching silkscreen.

1.0 (8/25/2017)

Initial Release