IPMI Firmware / BIOS Release Notes Form

Product Name	**H11SSL-i/C/NC (All)**
Release Version	**1.3**
Release Date	**06/25/2019**
Previous Version	**1.1**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #22622** **BIOS Image H11SSL9.625** **Please update BIOS with attached Flash Utility in package.**
Enhancements	**1. Update AMI (BETA)5.013_NaplesCrb_0ACIJ022 for some bug fixes.** **2. Update ASPEED VBIOS to version 1.09.00** **3. Add "SMBIOS preservation" item**
New features	**N/A**
Fixes	**1. Fixes compiler issue of SMCPKG_SUPPORT token for power button 4 seconds override.** **2. Fixes bug that NVDIMM would generate yellow bang in persistent memory of device manager.** **3. Fixes the system will hang A9 when running Intel Optane SSD UEFI OPROM.** **4. Fixes LSI legacy OPROM cannot output to console redirection issue.** **5. Fixes bug that BMC HW information failed and smbios file exception caused** **6. Fixes Use AMI's solution to solve the problem of NUMA function fail.(EIP #474938)** **7. Fixes BIOS hidden "Socket" item of Memory interleaving with only one CPU platform.** **8. Fixes Security update for "Secure Encrypted Virtualization Invalid ECC Curve Points (SEV ECC) in Linux Operating System"**

Release Notes from Previous Release(s)

1.1 (02/15/2019)

1. Added support for AMD PSP region update feature flag for BIOS update and DMI check of SUM.
2. Fixed bug of the website "AER/MCE ENABLE/DISABLE FOR XML FORMAT" being unable to find the setting of item "Correctable Error Threshold".
3. Added vendor and status info to the driver health warning message.
4. Added support for "wait for F1 if error" to driver health warning message.
5. Updated ASPEED VBIOS to version 1.08.00.
6. Updated AGESA NaplesPI to 1.0.0.B based on AMI 5.013_NaplesCrb_0ACIJ021.
7. Changed secure boot keys to Supermicro secure boot keys.
8. Updated valid range of IPMI setup item VLAN ID to 1-4094.
9. Enabled driver health message.
10. Displayed the driver health support pages to support LSI (Broadcom 9440-8i) driver health status.
11. 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.
12. Fixed incorrect power supply characteristics of SMBIOS type 39.
13. Fixed inability of system to wake on PCIe LAN.
14. Fixed problem of system hanging when installing NVidia RTX 2080/5000/6000.
15. Fixed excessive delay of boot to enter login screen with Linux Redhat legacy OS.
16. Fixed bug of H11SSL-i and H11SSL-C having 2 nonfunctional NVMe root ports.
17. Fixed failure of H11SSL-i and H11SSL-C to show "JNVME0 OPROM" and "JNVME1 OPROM" setup items.
18. Added "On Flash Block Description (APTIO) - AFU Manufacture Control" and set default to disabled.

1.0c (10/04/2018)

1. Added support for hotplug descriptor table.
2. Added PCI RT32 Services Module to support dos tool flash of LSI 3008 SAS.
3. Updated AGESA NaplesPI to 1.0.0.9 based on AMI CRB_019.
4. Fixed missing sensor reading for AOC/Storage on IPMI web.
5. Updated Intel® Giga UEFI driver to Intel® PRO/1000 6.1.16 from Preboot version 19.0 to improve POST time.
6. Added support for the crash dump function for the BMC troubleshooting function when the system encounters an MCA error after logging the MCA error.
7. Added support for Omni-Path HFI card.
8. Patch memory incompatibility and memory size reading issues
9. Fixed system hanging at 0x94 with QLE3442-RJ-CK.
10. Fixed bug that prevented the UEFI AFU BIOS flash tool from flashing the PSP region successfully with the AFU tool parameter /K.
11. Fixed issue of the UEFI boot option becoming disabled if HDD is re-plugged in with UEFI OS.
12. Fixed problem of system error being detected with H11SSL slot 1 when injecting correctable error (LCRC-RX) with AMD RAS PCIe error script.
13. Fixed inability of Mellanox CX-4 to work in Linux when 2TB memory is installed.
14. Fixed failure of ATS checking Add-on OPROM due to PCIE slot 1 and M.2 slot having the same B/D/F and corrected type 9 system slow information of M.2, CPU SLOT1.
15. Fixed inability of VGA priority to switch to offboard VGA card

1.0b (04/27/2018)

1. Updated AGESA NaplesPI to 1.0.0.7 based on AMI CRB_017.
2. Added support for Graphic Mode of Early Video mode and display of IPv4 and IPv6 IP addresses in Graphic Mode.
3. Added support for hidden item "Memory Corrected Error Enabling" and function that disabled CMC source to prevent OS from receiving the CECC error.
4. Fixed issue of USB recovery of Asmedia XHCI controller USB ports not working normally for Agesa 1.0.0.6.
5. Hide item "Onboard SAS LSI3008 Option ROM" by SKU ID.

1.0a (02/22/2018)

1   Applied security patch to address 'Spectre' variant 2 (CVE 2017-5715) security issue.
2   Updated AGESA NaplesPI to 1.0.0.5 based on AMI CRB_014.
3   Fixed problem of system hanging in F11 boot menu when AHCI M.2 device is installed.
4   Updated AMI PSPDATA in recovery mode.
5   Fixed bug in which legacy OPROM doesn't execute successfully when AOC-LSI3008L-L8i is plugged in on CPU SLOT1 PCIe 3.0 X8 OPROM.
6   Added support for AOC.