

# IPMI Firmware / BIOS Release Notes Form

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| <b>Product Name</b>     | <b>H11SSL-i/C/NC (All)</b>   |
| <b>Release Version</b>  | <b>1.1</b>   |
| <b>Release Date</b>     | <b>02/15/2019</b>  |
| <b>Previous Version</b> | <b>1.0c</b>  |
| <b>Update Category</b>  | <b>Critical</b>  |
| <b>Dependencies</b>     | <b>N/A</b>   |
| <b>Important Notes</b>  | <b>ECO #22055</b><br><b>BIOS Image H11SSL9.215</b><br><b>Please update BIOS with attached Flash Utility in package.</b>  |
| <b>Enhancements</b>     | <ol style="list-style-type: none"> <li>1. Added support for AMD PSP region update feature flag for BIOS update and DMI check of SUM.</li> <li>2. Fixed bug of the website "AER/MCE ENABLE/DISABLE FOR XML FORMAT" being unable to find the setting of item "Correctable Error Threshold".</li> <li>3. Added vendor and status info to the driver health warning message.</li> <li>4. Added support for "wait for F1 if error" to driver health warning message.</li> <li>5. Updated ASPEED VBIOS to version 1.08.00.</li> <li>6. Updated AGESA NaplesPI to 1.0.0.B based on AMI 5.013_NaplesCrb_0ACIJ021.</li> <li>7. Changed secure boot keys to Supermicro secure boot keys.</li> <li>8. Updated valid range of IPMI setup item VLAN ID to 1-4094.</li> <li>9. Enabled driver health message.</li> </ol>   |
| <b>New features</b>     | <ol style="list-style-type: none"> <li>1. Added "On Flash Block Description (APTIO) - AFU Manufacture Control" and set default to disabled.</li> </ol>   |
| <b>Fixes</b>            | <ol style="list-style-type: none"> <li>1. Displayed the driver health support pages to support LSI (Broadcom 9440-8i) driver health status.</li> <li>2. 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.</li> <li>3. Fixed incorrect power supply characteristics of SMBIOS type 39.</li> <li>4. Fixed inability of system to wake on PCIe LAN.</li> <li>5. Fixed problem of system hanging when installing NVidia RTX 2080/5000/6000.</li> <li>6. Fixed excessive delay of boot to enter login screen with Linux Redhat legacy OS.</li> <li>7. Fixed bug of H11SSL-i and H11SSL-C having 2 nonfunctional NVMe root ports.</li> <li>8. Fixed failure of H11SSL-i and H11SSL-C to show "JNVME0 OPROM" and "JNVME1 OPROM" setup items.</li> </ol> |

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

### **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 OPRM 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 OPRM doesn't execute successfully when AOC-LSI3008L-L8i is plugged in on CPU SLOT1 PCIe 3.0 X8 OPRM.*
6. *Added support for AOC.*