# IPMI Firmware / BIOS Release Notes Form

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| **Product Name** | **H11SSL-i/C/NC (2.0)** |
| **Release Version** | **2.1** |
| **Release Date** | **02/21/2020** |
| **Previous Version** | **2.0b** |
| **Update Category** | **Critical** |
| **Dependencies** | **N/A** |
| **Important Notes** | **ECO #23577**<br>**BIOS Image H11SSL0.221_D32**<br>**Please update BIOS with attached Flash Utility in package.** |
| **Enhancements** | 1. Change BIOS revision to 2.1.<br>2. Update AGESA RomePI to 1.0.0.5 based on .14_RomeCrb_0ACMK013.<br>3. To shown "PCI AER Support" setup item in ACPI page in BIOS menu.<br>4. Add SMC HDD Security feature. |
| **New features** | **N/A** |
| **Fixes** | 1. Fixed System hang post code A7h issue.<br>2. SUM cannot change the function of NUMA Node Per Socket.<br>3. Fixed system sometimes reboot during legacy Windows 2019 OS installation when used Rome CPU 7502.<br>4. There is no need to use Admin password for erasing TCG device |

2.0b (12/02/2019)
1. Change BIOS revision to 2.0b.
2.  Add "DRAM Scrub Time" in Memory Configuration.
3. Do not display any AMD memory error messages during the POST phase.
4. Fixed recovery function cannot work.
5. Support OOB SATA HDD information and asset information of 2 SATA controller.
6. No screen output when Boot Mode is changed to EFI.
7. Fix system will hang when installing NVidia RTX 2080/5000/6000
8. Update AGESA RomePI to 1.0.0.4 based on 5.14_RomeCrb_0ACMK012.
9. Use AMD CBS "PCIe ARI Support" item instead of "ARI Forwarding".
10. Update item string "Input the description" and "HTTP Boot One Time" to meet
11. Show 3rd IPMI version in BIOS setup.
12. Fixed the issue that "SMCI POST Screen Message" might be shown on BIOS setup menu.
13. Fixed the issue that "SMCI POST Screen Message" might be shown on POST screen during executing EFI Shell application.
14. According to each project's board ID, update SSID of AMD Host Bridge.
15. Expose riser card string in PCIe/PCI/PnP page when plug RSC_RR1U_E16 riser card on slot6.
16. Set IOMMU default as Auto (Enabled)
17. Exposed item "Preferred IO".
18. Added SATA boot name description porting.

2.0a (08/08/2019)
1. System will hang 0xB2 when installing Intel X520-SR2 which has large VPD data.
2. Correct VGA connect type in type 8.
3. Fix bug that HD Audio test of WHQL HLK with Windows Server 2019 would detect System Audio device existence to verify audio WHQL.
4. Support USB recovery of Asmedia XHCI Controller and CPU USB ports for Agesa 1.0.0.1.
5. NVDIMM function is failed.
6. The DIMM location of IPMI "Memory Device Disabled" is incorrect.
7. Fix I210 iSCSI OPROM can't be loaded when set default setting of item "Onboard LAN1 Option ROM" to iSCSI.
8. Fixed issue that boot priority will not be restored to the default setting after flashing bios.
9. Add "SMBIOS preservation" item
10. Fix the onboard I210 LAN cannot boot to PXE in production line.

2.0  (07/29/2019)
1. First release, support both AMD ROME and Naples CPU.