BIOS Release Notes Form

Product Name	**H13SSF**
Release Version	**1.6**
Release Date	**10/31/2023**
Build Date	**10/31/2023**
Previous Version	**1.0**
Update Category	**Enhancement**
Dependencies	**BMC: 01.02.04** (BMC_H13AST2600-ROT20-E401MS_20231201_01.02.04_STDsp)
Important Notes	**BIOS image:** **BIOS_H13SSF-1D16_20231031_1.6_STDsp.bin** **BIOS Update package:** **BIOS_H13SSF-1D16_20231031_1.6_STDsp.zip** **Notes:** Please follow the below steps to preserve the BIOS setup configuration when updating BIOS v1.4 (or earlier version) to v1.6. 1. Download the BIOS/BMC bundle FW package from the product webpage. 2. Before updating BIOS, please use SUM from the bundle package with the command *"GetCurrentBiosCfg"* to get the BIOS setup configuration. 3. Flash BIOS to v1.6 without saving any BIOS setup configuration. 4. Use SUM *"ChangeBiosCfg"* with the option *"--skip_unknown"* to restore your BIOS setup configuration. (ex: *"sum -i xxx.xxx.xxx.xxx. -u XXXX -p XXXX -c changebioscfg --file xxxxx.xml --skip_unknown --reboot"*)
Enhancements	1. Modified the riser card setup string to align other Genoa projects. 2.Integrated ProjectSmbios.c to let code dynamically generate SXB-related items. 3.Added riser card RSC-X2R-68G5 SMBIOS Type 9 & 40 support. 4.Enabled M.2 slot to report SMBIOS Type 9 & 40.

	5.Changed BIOS version to 1.6 for AGESA1009. 6.Added Secure Boot Data Based(Digital Ocean) feature. 7.Added Amd CbsConfig load default process before NVRAM reset. 8.Added GenoaPI-SP5_1009_Patch_Rev2. 9.Added the SuperMicro secure boot key. 10.Added embedded uefi() shell. Added GotoSetup command. 11.Added ASM1061 workaround to disable ASM1061 64-bit memory address capability.
New features	**N/A**
Fixes	1.Fixed some problems for Riser card RSC-X2R-68G5. 2.Fixed an issue with NVQual utility not working properly 3.Fixed an issue where SUM cannot execute ChangeFixedBootCfg successfully. 4.Fixed ASG-1115S-NE316R AC stress failed and hung on POST code "A2". 5.Fixed the 2U Type2 system U.2 NVMe HDD detect function fail issue. 6.Fixed H13SSF 2U Type1 SKU system may hang at 91 when 1st boot up after removing the CPUEVAC heat sink. 7.Fixed ASG-2115S-NE332R memory information under BIOS setup is incorrect.

1.0 (07/19/2023)
Initial release.