IPMI Firmware / BIOS Release Notes Form

Product Name	**H13SSL-N/NT**
Release Version	**1.6**
Release Date	**11/03/2023**
Build Date	**11/03/2023**
Previous Version	**1.5**
Update Category	**Recommended**
Dependencies	**BMC 01.01.08**
Important Notes	**ECO #29010** **BIOS Image: BIOS_H13SSL-1C7D_20231103_1.6_STDsp.bin** **BIOS Update Package: BIOS_H13SSL-1C7D_20231103_1.6_STDsp.zip** **Please update BIOS with attached Flash Utility in package.** **"To support AMD EPYC Bergamo/Genoa-X processor, please update to BIOS v1.4 or higher."**
Enhancements	1. [H13xxx][Genoa] Add Secure Boot Data Base feature. 2. Support Built-in SuperDiag. 3. Support SPD DATA to ACPI. 4. Enabled AMD ADDC(Autonomous Debug Data Collection) feature.(Crash dump) 5. Add Amd CbsConfig load default process before NVRAM reset. 6. Fixed memory information report wrong message when not install memory. 7. Add GenoaPI-SP5_1009_Patch_Rev2. 8. Change BIOS version to 1.6 for AGESA1009. 9. Use IPMI 30_68_F9 BIT4 to control hidden/display the serial number of Attribute name. 10. Support 16 bit Post code. 11. Disable PMIC error message reporting
New features	**N/A**
Fixes	1. Fixes Sum tool cannot get current BIOS setting after using sum tool to set the Boot URI. 2. Fixes ID160518 [SUM] Can't execute ChangeFixedBootCfg succeed via SUM. 3. Fixea only show one LAN port when installed AOC card. 4. Fixed load default function can not work via Oob. 5. Fixed Redfish SATC boot option test for FixedBootOrder. 6. Fixed string overwrite issue after CMOS reset.

Revision 1.5 (07/25/2023)

1. Change BIOS version to 1.5 for AGESA1007.
2. AMD ucode patch 2 to fix for erratum #1483/1485
3. Support redfish API Oem/Supermicro/FixedBootOrder.
4. Hidden Local APIC Mode due to PM's decision, will update H13 setup template later.
5. Setup ASPM not sync to PCIe port.
6. Change "Power Off" string to "Stay off" to match AMD H13-Genoa BIOS Setup Template.
7. Sync up Core control option items with AMD H13-Genoa BIOS Setup Template v0.8_20230112.xlsx
8. Fix AMD cbs_config item does not align APCB cause system hang at early video phase.
9. Fix BBS item cannot be changed problem via SUM tool.
10. Fix uncorrectable non-fatal will report SERR issue.
11. Fix BIOS setup doesn't have ACS control item.
12. Force BMC (AST2600) link speed to Gen1 to avoid link speed drop issue on DC on-off test

Revision 1.4(04/17/2023)

1. Change BIOS version to 1.4 for AGESA1006.
2. Upgrade code base to CRB19/AGESA 1.0.0.6
3. Using CBS_CONFIG variable directly in SmcSetup.sd to prevent sync setting fail in SmcAmdCbsDxeDriver.c
4. Follow the spec to change unit of memory translate from MHz to MT/s in POST message.
5. Change PSP Logo to include add warming message for post time.
6. Enable display of Day in Date Format.
7. Add SuperGuardians support.
8. Add "AmdSetup" variable group support for OOB used.
9. Increase OEM_STRING_1/OEM_STRING_2 in SMBIOS type11 string length to at least 50 characters to meet SMBIOS spec.
10. Fixed MCA correctable error cannot trigger when MCEON disabled.
11. Fixed uncorrectable non-fatal will report SERR issue.

Revision 1.1a(02/14/2023)

Update AMD patch amd-dxio-floyd-1.13.04-20230111212355 to fix NVMe hotplug issue.

Revision 1.1(12/23/2022)

1. Upgrade code base to AGESA 1.0.0.3
2. Onboard M.2 Support PCIe speed for M.2-H1/H2.

Revision 1.0 (2022/11/22)

First release.