BIOS Release Notes Form

Product Name	**H13SSH**
Release Version	**3.3a**
Release Date	**03/07/2025**
Previous Version	**3.3**
Update Category	**Recommend**
Dependencies	**N/A**
Important Notes	**ECO # 31262** **BIOS Image: BIOS_H13SSH-1C9F_20250307_3.3a_STDsp.bin** **BIOS Update Package: BIOS_H13SSH-1C9F_20250307_3.3a_STDsp.zip** **Please update BIOS with attached Flash Utility in package.**
Enhancements	1. Update BIOS version to 3.3a
New features	**N/A**
Fixes	1. Fix long memory SN in smbios type 17

Release Notes from Previous Release(s)

Revision 3.3 (02/21/2025)
1. Update BIOS version to 3.3
2. Update AGESA versions to 1.0.0.E (Genoa) and 1.0.0.3 (Turin)
3. Update GFX Early Video
4. Update BIOS setup variable Enable/Disable to include "d"
5. Enhance the SMCFKItem rule for bios attribute
6. Fix DMI/BIOS option cannot preserve in version 3.2
7. Fix A2 Hang when too many Lan cards are added to the system
8. Fix JBOF NVME detection issue
9. Fixed Secure boot factory keys are not built in FV
10. Fix ASPM BIOS option not working
11. Fix COM1/SOL show disabled in BIOS setup
12. Fix BMC not able to show Nvidia A16 sensor
13. Fix NVME boot string shows random characters

Revision 3.2 (11/22/2024)
1. Update BIOS version to 3.2
2. Update AGESA versions to 1.0.0.D (Genoa) and 1.0.0.2 (Turin)
3. Add GPU timing override for Nvidia GPUs
4. Add HTTP TLS CERT support
5. Add PI 1.0.0.2 Patch 1 (Turin)
6. Fix IPV6 status not synced with bmc (Genoa)
7. Fix legacy option rom not loaded for some AOC card (Genoa)

Revision 3.0 (09/23/2024)
1. Update BIOS version to 3.0
2. Update Turin AGESA versions to 1.0.0.0
3. Change TDP Limit to 400w CPU
4. Add Genoa 1.9c binary but changed version to 3.0
5. Update m.2 information in smbios type 9
6. Update SDO latest module
7. Send 3rd party AOC info to bmc
8. Add Reset workaround for X550
9. Fix Nvidia A16 smbios info present when no A16 is installed (Turin)
10. Set BMC gen speed to gen1
11. Fix hot plug not working
12. Fix hang in A2 when 3916 SAS card installed (Turin)x 1U system NVME not in order

Revision 1.9c (08/30/2024)
1. Update BIOS version to 1.9c
2. Add M.2 Info to smbios type 9
3. Fix early video unable to display
4. Use Offboard Lan 1 mac in UUID
5. Fix 24 nvme system only detect 22 nvme

Revision 1.9b (06/13/2024)
1. Apply AGESA 1.0.0.C Patch.
2. Add SmcLockdown Function,
3. Increase NVRAM size.
4. Fix System will hang at A2 when secure boot is enabled.
5. Fix Correct SMBios type 9 information for MA35D.
6. Fix Sync slot information with BMC.
7. Fix remove I210 information on SMBIOS type 4.
8. Fix Hot Plug Eject/Inject in BMC.
9. Fix use BMC mac in UUID since no onboard lan.
10. Fix can't get BIOS config using sum when some HDD is plugged in.

Revision 1.7a (12/07/2023)
1. Fix issue where OEM XILINX network card would hang.
2. Fix issue where X550 could not legacy PXE boot.
3. Fix issue where X550 AIOM link speed would drop.
4. Sync BIOS build date in SMBIOS type 0 with BIOS setup string.

Revision 1.7 (10/24/2023)
1. Fix issue where Slot 5 + 6 card info on the webgui were swapped on 2U24 system. Revision 1.6c (09/20/2023)

Revision 1.6c (09/20/2023)
1. Fix issue where AOC-AH25G-M2S2TM did not show all MAC addresses in the BMC webgui.
2. Fix issue where AOC-AH25G-M2S2TM would not bifurcate correctly.
3. Fix issue where U50 with new FW would hang system.
4. Add Amd CbsConfig load default process before NVRAM reset.
5. Fix issue where KVM stopped working with 4 GPUs plugged in the system.

Revision 1.5 (07/24/2023)
1. Disable IOMMU through SUM Change Bios Cfg.
2. Ensure that the system will boot to OS.

Revision 1.1c (07/13/2023)
1. Plug in Broadcom NIC in AIOM1.
2. Verify that the bifurcation is correct for the AIOM.
3. Fix issue where XILINX U50 would hang.
4. Fix issue where XLINX U50 link width would occasionally drop.
5. Fix issue where video would be unusable under certain conditions.
6. Add workaround for Micron 6500 lane drop issue.
7. Set AST2600 VGA to be Gen2

Revision 1.1a (05/26/2023)
1. Apply AGESA 1.0.0.7 and Patch.
2. Improve 1st boot time for 2DPC.
3. Fixed ACPI USB mapping.
4. Reworked 2U24 slot mapping.
5. Fixed issue where Micron 7450 drives would degrade during on/off test.
6. Fixed issue where configuration could not be detected after AC cycle.
7. Fixed issue where AMD related BIOS settings could not be changed by SUM.

Revision 1.0 (03/29/2023)
First release.