

# BIOS Release Notes Form

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<b>Product Name</b>	<b>H13SSH</b>
<b>Release Version</b>	<b>3.4</b>
<b>Release Date</b>	<b>03/28/2025</b>
<b>Previous Version</b>	<b>3.3a</b>
<b>Update Category</b>	<b>Recommend</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO # 31417 BIOS Image: BIOS_H13SSH-1C9F_20250328_3.4_STDsp.bin BIOS Update Package: BIOS_H13SSH-1C9F_20250328_3.4_STDsp.zip Please update BIOS with attached Flash Utility in package.</b>
<b>Enhancements</b>	<b>1. Update BIOS version to 3.4 2. Update AGESA versions to 1.0.0.E (Genoa) and 1.0.0.4 Patch 1 (Turin) 3. Support 500W CPU (Turin)</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Update secure boot DBX for AMI SA50300 2. Fix System hangs when enter into the setup page of BROADCOM &lt;SAS 3916&gt; 3. Fix IPv6 DNS IP not sync up with BMC 4. Fix PN of Intel E810 series not show model name 5. Fix AIOM2 have wrong bus number is smbios type 9</b>

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

### **Revision 3.3a (03/07/2025)**

1. Update BIOS version to 3.4
2. Fix long memory SN in smbios type 17

### **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.