

# BIOS Release Notes Form

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Product Name	H13DSG-O-CPU
Release Version	1.6a
Release Date	11/18/2023
Build Date	11/18/2023
Previous Version	1.6
Update Category	Recommended
Dependencies	IPMI firmware R 01.01.03 or above
Important Notes	BIOS Image: BIOS_H13DSGO-1C7E_20231118_1.6a_STDsp.bin BIOS Update Package: BIOS_H13DSGO-1C7E_20231118_1.6a_STDsp.zip <b>Note:</b> <b>To support AMD EPYC Bergamo, Genoa X processor, please update to BIOS v1.4 or higher version.</b>
Enhancements	<ol style="list-style-type: none"><li>1. Updated to 5.27_GenoaCrb_0ACQT022 for AGESA 1.0.0.9 with patch.</li><li>2. Enabled token ASM1061_Workaround to disable ASM1061 64-bit memory address capability.</li><li>3. Set the default settings "SR-IOV" to "Auto", it can switch the default settings of "SRIOV" according to different configurations by auto-detection.</li></ol>
New features	N/A
Fixes	<ol style="list-style-type: none"><li>1. Updated SecureBoot and AmiSecureBootPkg to correct secure boot system mode.</li><li>2. Fixed duplicate Lan string in boot order.</li><li>3. Fixed an issue that "Present but not trained" is displayed in the memory information when no DIMM was installed.</li><li>4. Fixed Memory Pmic event log DIMM location being incorrect.</li><li>5. Updated W/a for onboard X710 and H100 link width drop.</li><li>6. Added SBR for PLX root port to patch PLX device drop issue.</li></ol>

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

**1.6 (10/17/2023)**

1. Updated to 5.27\_GenoaCrb\_0ACQT022 for AGESA 1.0.0.9 with patch.
2. Enabled token ASM1061\_Workaround to disable ASM1061 64-bit memory address capability.
3. Workaround for onboard X710 link width drop.
4. Enabled the default setting "SR-IOV" to avoid VGA output disappearing when installing Ubuntu OS.
5. Updated SecureBoot and AmiSecureBootPkg to correct secure boot system mode.
6. Fixed issue of incorrect DIMM location in the Memory PMIC event log.
7. Fixed duplicate LAN string in the boot order.
8. Fixed issue that "Present but not trained" is displayed in the memory information when no DIMM was installed.

**1.5 (8/8/2023)**

1. Updated AMI label to 5.27\_GenoaCrb\_0ACQT020 for AGESA 1.0.0.7
2. Added reset delay function for some GPU missing issues, such as the A100.
3. Added S2-C0/C1 AIOM Pci location to PcdSlot define to fix AIOM NIC disconnect issue.
4. Updated Pcode for erratum#1484/1485
5. Added AMD AGESA 1007 patch.
6. Added support for BIOS getting into a reset loop after IOMMU is disabled or SRIOV is enabled.
7. Fixed problem of SMT control cannot be kept after updating BIOS.
8. Fixed problem of memory temp showing N/A in BMC web after updating AGESA 1007.
9. Updated MPIO binary patch from AMD.

**1.4a (5/4/2023)**

1. Updated AMI label to 5.27\_GenoaCrb\_0ACQT018 for AGESA 1.0.0.6
2. Added support for B2 recovery hanging.
3. Added AMD AGESA 1006 patch.
4. Removed AOM-PTG-I2T onboard device define from SMBIOS type 41.
5. Fixed system hanging issues while MB CPLD is updated by SUM.

**1.3a (4/25/2023)**

1. Fixed the GPU drop issue.

**1.3 (4/1/2023)**

1. Updated AMI label to 5.27\_GenoaCrb\_0ACQT018 for AGESA 1.0.0.5.
1. Supported Mellanox and Broadcom 3<sup>rd</sup> Party LAN Card VPD Data.
2. Supported S2-C0/C1 cabling configuration.
3. Supported S1-C0/C1 cabling configuration.
4. Supported PEI Early Video.
5. GPU Link Width Drop Recovery.

**1.0 (1/11/2023)**

Initial Release