

BIOS Release Notes Form

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Product Name	H13DSG-OM
Release Version	3.5
Release Date	4/8/2025
Previous Version	3.3
Update Category	Recommended
Dependencies	IPMI R 01.04.06 or above
Important Notes	<p>BIOS image: BIOS_H13DSG-OM-1D2A_20250328_3.5_STDsp.bin</p> <p>BIOS Update package: BIOS_H13DSG-OM-1D2A_20250328_3.5_STDsp.zip</p> <p>Notes:</p> <p class="list-item-l1">1. To support AMD EPYC Bergamo and Genoa X processors, update to BIOS v1.9 or higher.</p> <p class="list-item-l1">2. For AMD EPYCTM 9005 Series Processor support, ensure your motherboard revision is R2.0 or higher. The required package versions are BIOS V3.0 or higher and BMC V01.03.25 or higher. Note that if you roll back the BIOS from V3.x (dual BIOS for AMD EPYC™ 9004/9005 Series Processors) to V1.x (single BIOS for AMD EPYC™ 9004 Series Processor), install an AMD EPYC™ 9004 Series Processor before performing the rollback.</p>
Enhancements	<ol style="list-style-type: none">1. Updated AGESA versions to 1.0.0.E (Genoa) and 1.0.0.4 Patch 1 (Turin) for improved system stability.2. Updated overall BIOS version to 3.5.3. Added compatibility and support for AMD Pollara 400G networking cards.4. Enhanced BIOS setup variable Enable/Disable to include the letter "d".5. Improved the SMCFKItem rules for BIOS attributes.6. Updated System Diagnostics module.7. Modified default configuration to enable SR-IOV settings .
New features	N/A

Fixes	<ol style="list-style-type: none">1. Fixed issue where system would hang when trying to enter setup menu on first boot.2. Fixed issue with IP addresses not displayed on early video.3. Fixed issue with long memory SN in SMBIOS type 17.4. Fixed issue where slot sensors would disappear after enabling SR-IOV.5. Fixed issue where disabling "Quiet Boot" would cause SOL to have no output.6. Fixed issue with secure boot DBX by updating to AMI SA50300.
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Release Notes from Previous Release(s)

3.3 (2/3/2025)

1. Incremented version to 3.3
2. Updated to AGESA 1.0.0.3
3. Fixed issue where SAA GetBiosInfo command failed.
4. Corrected template items to use "Enabled/Disabled" instead of "Enable/Disable".
5. Fixed SMBIOS type 9 mapping for slot2, 11, and 12.
6. Fixed issue by adding the missing ASPM support setting.

3.2 (11/26/2024)

1. Increment version to 3.2.
2. Added support for HTTP TLS CERT.
3. [Turin] Fixed issue where AST2600 was downgraded to GEN1.
4. [Turin] Corrected incorrect SMBIOS information .
5. [Turin] Fixed incorrect power supply information.
6. [Turin] Fixed issue where some network cards were not displayed in the BMC.
7. [Genoa] Fixed a boot failure in Linux OS after modifying SOL GRUB during sync r4978.
8. [Genoa] Fixed issue where Linux reported ACPI error AE_ALREADY_EXISTS.
9. [Genoa] Fixed missing BF3 card information in the web GUI.
10. [Genoa] Added support for M.2 devices in SMBIOS type 9.

1.9 (07/12/2024)

1. Incremented the version number to 1.9.
2. Applied the AGESA 1.0.0.C Patch.
3. Removed the legacy boot option.
4. Added sensor reading for BF3.
5. Fixed the issue of the boot device being lost after installing an OS on systems with more than 16 LAN ports.
6. Fixed issue where SuperDiag failed to set the HTTP boot.
7. Fixed issue where NCCL GPU enumeration differed from ROCM enumeration.
8. Fixed issue where installing secure boot variables caused the system to hang at A2.

1.8 (04/18/2024)

1. Fixed issue where 4U systems would hang on postcode 15 after a BMC and BIOS update.
2. Fixed issue where slot information was reported incorrectly.
3. Fixed issue where the system would hang during on/off testing.
4. Fixed issue where the system would hang after a BMC update/AC cycle.
5. Fixed issue where the system would eject two drives at once in the 4U system.
6. Fixed issue where the secure boot key could not be set through Redfish.
7. Fixed issue where the SATA drive controller would crash under load in Linux.

1.1 (02/26/2024)

1. Fixed issue where slot 1 sensor could not be read upon removal of the left side switch.
2. Fixed issue where slot erroneously reported as "In Use" when unplugged.
3. Rectified the occurrence of EFI shell appearing as third boot option.
4. Fixed hang issue occurring on A2 for AOC-S400G-B1C.
5. Fixed issue where Slot 1 to Slot 8 sensors could not be read.
6. Improved by enabling "Spread Clock Spectrum" setting by default

1.0b (01/18/2024)

1. Fixed an issue where NIC sensors would disappear when MI300 GPU was plugged in.
2. Fixed SMBIOS type 41.
3. Fixed issue where the redfish function FixedBootOrder did not work.
4. Added support for up to 8 PSUs for the type 39 SMBIOS.
5. Fixed an issue where system would hang on postcode A2.

1.0 (12/13/2023)

First release.