BIOS Release Notes Form

Product Name	**H12DSG-O-CPU**
Release Version	**2.1**
Release Date	**05/10/2021**
Build Date	**05/10/2021**
Previous Version	**2.0**
Update Category	**Recommended**
Dependencies	**N/A**
Important Notes	**BIOS Image:** **BIOS_H12DSGO-1B55_20210510_2.1_STDsp.bin** **BIOS Update Package:** **BIOS_H12DSGO-1B55_20210510_2.1_STDsp.ZIP** **Notice:** **1) BIOS R 2.x supports 7002 and 7003 processor.** **Flash Utility in the package supports BIOS update from R 1.x to R 2.x only, cannot roll back.** **2) DMI data can NOT be reserved when updated BIOS from 1.x BIOS to 2.x BIOS.**
Enhancements	1. **Changed BIOS revision to 2.1.** 2. **Updated AGESA RomePI to 1.0.0.B.** 3. **Set all OPROM control items to Legacy when boot mode set to Dual.** 4. **Added Redfish/SUM Secure Boot feature and updated OOB for secure boot and reserve Key.** 5. **Removed legacy iSCSI support of H12 BIOS.** 6. **Added force next boot to UEFI Shell support.** 7. **Updated AGESA MilanPI to 1.0.0.2.** 8. **Updated A011 GN B1 microcode 0A00111D.**
New features	**N/A**
Fixes	1. **Fixed problem of BIOS recovery occurring when using AFU to clear event log and then AC cycles the system.**

2.0 (3/12/2021)

1. Changed BIOS revision to 2.0.
2. Updated AGESA MilanPI to 1.0.0.1.
3. Updated A011 GN B1 microcode 0A001119.
4. Updated AGESA RomePI to 1.0.0.A.
5. Fixed problem of BIOS initialization showing IPV6 address when IPV6 is disabled in the IPMI GUI.
6. Enhanced SMBIOS Type39 System Power Supply information.
7. Disabled USB OC feature.
8. Fixed inability to use F12 hotkey to boot into PXE.
9. Fixed inability to detect AMD GPU cards on Slot7.

1.3 (12/18/2020)

1. Changed BIOS revision to 1.3.
2. Updated AGESA RomePI to 1.0.0.9.
3. Updated 8310 SSP-B0 microcode 0830104D.
4. Displayed TSME, DDR Power Down Enable, PCIe Ten Bit Support, xGMI Link Width Control, xGMI Force Link Width, xGMI Max Link Width Control, xGMI Max Link Width, and xGMI Link Max Speed for GPU performance tuning.

1.2a (11/19/2020)

1. Changed BIOS revision to 1.2a.
2. Fixed inability of the BIOS to boot to OS/UEFI Shell in assembly house.

1.2 (9/24/2020)

1. Changed BIOS revision to 1.2.
2. Updated AGESA RomePI to 1.0.0.8.
3. Updated help string of item "Input the description".
4. Added support for different system configurations.
5. Removed Marvell 9230 OPROM from BIOS.
6. Updated SMBIOS type 42 data for IPMI Redfish Host Interface support.
7. Corrected CPU speed information in BIOS setup.

1.0 (5/26/2020)

Initial Release