

BIOS Release Notes Form

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| Product Name | H12DSU-iN |
| Release Version | 2.1 |
| Release Date | 5/07/2021 |
| Build Date | 5/07/2021 |
| Previous Version | 2.0 |
| Update Category | Recommended |
| Dependencies | N/A |
| Important Notes | BIOS Image: BIOS_H12DSU-1B54_20210507_2.1_STDsp.bin BIOS Update Package: A. Package for upgrade BIOS from version 2.x to version 2.x BIOS_H12DSU-1B54_20210507_2.1_STDsp.zip B. Package for upgrade BIOS from version 1.x to version 2.0 or above BIOS_H12DSU-1B54_20210507_2.1_STDsp_Up.zip Notice: 1) BIOS R 2.x supports 7002 and 7003 processor. 2) Flash Utility in the package supports BIOS update from R 1.x to R 2.x only, cannot roll back. |
| Enhancements | 1. Changed BIOS revision to 2.1. 2. Set all OPRON control items to Legacy when boot mode is set to Dual. 3. Updated AGESA MilanPI to 1.0.0.2. 4. Updated A011 GN B1 microcode 0A00111D. 5. Updated AGESA RomePI to 1.0.0.B. 6. Updated USB OC pin mapping to follow motherboard design. 7. Removed legacy iSCSI support of H12 BIOS. 8. Added force next boot to UEFI Shell support. 9. Added Redfish/SUM Secure Boot feature updated OOB for secure boot and reserve Key. |
| New features | N/A |
| Fixes | 1. Fixed failure of BIOS to upload SMBIOS and BIOS-related data to BMC since VRAM was locked. 2. Enhanced rule for reading FRU data of AOC/riser card. |

Release Notes from Previous Release(s)

2.0 (2/22/2021)

1. Changed BIOS revision to 2.0.
2. Updated AGESA to 1.0.0.1 for next generation processors.
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. 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.

1.3 (11/25/2020)

1. Changed BIOS revision to 1.3.
2. Updated AGESA RomePI to 1.0.0.9.
3. Updated 8310 SSP-B0 microcode 830104D.
4. Displayed some items for GPU performance tuning.

1.2 (8/10/2020)

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. Corrected CPU speed information in BIOS setup.

1.0a (6/10/2020)

1. Changed BIOS revision to 1.0a.
2. Added new Gen1 ID support on BPN-SAS3-119A-N12 for new backplane CPLD firmware use.

1.0 (5/18/2020)

Initial Release