IPMI Firmware / BIOS Release Notes Form

Product Name	**H12SSW-iNR/NTR**
Release Version	**2.1**
Release Date	**05/07/2021**
Build Date	**05/07/2021**
Previous Version	**2.0**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #25417** **BIOS Image: BIOS_H12SSWR-1B74_20210507_2.1_STDsp** **BIOS Update Package: BIOS_H12SSWR-1B74_20210507_2.1_STDsp.ZIP** **Please update BIOS with attached Flash Utility in package.**
Enhancements	1. Change BIOS revision to 2.1. 2. Update AGESA RomePI to 1.0.0.B. 3. Set all OProm control items to Legacy when boot mode set to Dual. 4. Remove legacy iSCSI support of H12 BIOS. 5. Added force next boot to UEFI Shell support. 6. Update AGESA MilanPI to 1.0.0.2; make sure to use Milan CPU to boot into BIOS setup. 7. Update A011 GN B1 microcode 0A00111D.
New features	**N/A**
Fixes	**Fixed BIOS recovery happened used AFU to clear event log and then AC cycle the system.**

Revision 2.0 (2021/02/22)

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. Platform Management FRU Information Storage Definition v1.1 to enhance SMBIOS Type39 System Power Supply information.
6. Fixed F12 hotkey boot into PXE.
7. Fixed IPV6 disabled in the IPMI GUI but BIOS initialize will appear IPV6 address.

Revision 1.3 (2020/11/25)

1. Updated BIOS revision to 1.3.
2. Updated AGESA RomePI to 1.0.0.9.
3. Updated 8310 SSP-B0 microcode 830104D.
4. Displayed TSME, DDR Power Down Enable, and PCIe Ten Bit Support for GPU performance tuning.
5. Fixed inability of the BIOS to boot to OS/UEFI Shell in assembly house.

Revision 1.2 (2020/08/26)

1. Change BIOS revision to 1.2.
2. Update AGESA RomePI to 1.0.0.8.
3. Update 8310 SSP-B0 microcode 8301038.
4. Add SMCI HDD Security feature.
5. Per System LAB request, update help string of item "Input the description".
6. Update USB Exposed port fail with WHQL testing.
7. Update hot plug setting for AS-1114S-WN10RT cable routing change.
8. Fixed Fru0 - Manufacturer Name (PM) doesn't sync. to SMBIOS Type 3 – Manufacturer (CM).
   Fixed Fru0 - Product Part/Model Number (PPM) doesn't sync. to SMBIOS Type 1 – ProductName (PN).
9. Remove "$SMCUNHIDE$" string from "PCI AER support" setup item help string.
10. Add AMD IOMMU patch code for fixing NVME Devices drop and Hardware error in RH 7.x.
11. Fixed TCG admin password reverse bug.
12. CPU speed information in not correct in BIOS setup.
13. Fixed EFI version of PassMark MemTest86 hangs up when SMCI Redfish Host Interface disabled/un-supported in IPMI FW.

Revision 1.0 (2020/05/27)

1. First release.