

## IPMI Firmware / BIOS Release Notes Form

*Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.*

<b>Product Name</b>	<b>H12SSW-iN/NT (All)</b>
<b>Release Version</b>	<b>1.2</b>
<b>Release Date</b>	<b>10/14/2020</b>
<b>Previous Version</b>	<b>1.1a</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>ECO #24465</b> <b>BIOS Image H12SSW0.A14</b> <b>Please update BIOS with attached Flash Utility in package.</b>
<b>Enhancements</b>	1. [Enhancements] Change BIOS revision to 1.2. 2. [Enhancements] Update AGESA RomePI to 1.0.0.8. 3. [Enhancements] Update 8310 SSP-B0 microcode 8301038. 4. [Enhancements] Add SMCI HDD Security feature. 5. [Enhancements] Per System LAB request, update help string of item "Input the description". 6. [Enhancements] Per PM's request to update M.2 strings of OPROM items and SMBIOS Type9 information.
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	1.[Fixes] 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). 2.[Fixes] Remove "\$SMCUNHIDE\$" string from "PCI AER support" setup item help string. 3.[Fixes] Add AMD IOMMU patch code for fixing NVME Devices drop and Hardware error in RH 7.x. 4.[Fixes] Fixed TCG admin password reverse bug. 5.[Fixes] CPU speed information in not correct in BIOS setup. 6.[Fixes] Support function disable of SATA controller for unused SATA controller of M.2 and PCIe devices. 7.[Fixes] Fixed system hang post code 95h (Out of resource) when SR-IOV setting is enabled in Setup and Broadcom 57416 OPROM.

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

**1.1a (05/28/2020)**

1. Change BIOS revision to 1.1a.
2. Update AGESA RomePI to 1.0.0.7.
3. Update 8310 SSP-B2 microcode 8301038.
4. Fix system will hang on POSTCODE 0xB2 when JPG1 set to disabled and plug-in the VGA card.
5. Add SMCI HDD Security feature.
6. Fixes the 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).
6. Fixes the Remove "\$SMCUNHIDE\$" string from "PCI AER support" setup item help string.
7. Fixes Add AMD IOMMU patch code for fixing NVME Devices drop and Hardware error in RH 7.x.
8. Fixes TCG admin password reverse bug.

**1.0b (11/15/2019)**

1. Change BIOS revision to 1.0b.
2. Add "DRAM Scrub Time" in Memory Configuration.
3. Update AGESA RomePI to 1.0.0.4 based on 5.14\_RomeCrb\_0ACMK012.
4. Use AMD CBS "PCIe ARI Support" item instead of "ARI Forwarding".
5. Update item string "Input the description" and "HTTP Boot One Time" to meet Rome BIOS Setup Template v0.7\_20190705.
6. Show 3rd IPMI version in BIOS setup.
7. According to each project's board ID, update SSID of AMD Host Bridge.
8. Set IOMMU default as Auto (Enabled)
9. Exposed item "Preferred IO".
10. Do not display any AMD memory error messages during the POST phase.
11. Fixes recovery function cannot work.
12. Support OOB SATA HDD information and asset information of 2 SATA controllers.
13. No screen output when Boot Mode is changed to EFI.
14. Fixes system will hang when installing NVidia RTX 2080/5000/6000
15. Fixes the issue that "SMCI POST Screen Message" might be shown on BIOS setup menu.
16. Fixes the issue that "SMCI POST Screen Message" might be shown on POST screen during executing EFI Shell application.
17. Patch I/O error message happened when run SPEC CPU2017 test on Asmedia SATA port HDD

Revision 1.0 (2019/07/19)

First release.