

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>H12SSL-i/C/CT/NT</b>
<b>Release Version</b>	<b>2.1</b>
<b>Release Date</b>	<b>06/2/2021</b>
<b>Previous Version</b>	<b>2.0</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>BIOS image: BIOS_H12SSL-1B95_20210602_2.1_STDsp.bin</b> <b>Please update BIOS with attached Flash Utility in package or IPMI web “Maintenance” -&gt; “Firmware Management”.</b>  <b>R2.00 or greater BIOS has to work with BMC version equal or great than R1.00.32</b> <b>If your BMC firmware version below R1.00.32, please update BMC firmware to R1.00.32 or greater before update to R2.00 BIOS.</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Update BIOS revision.</li><li>2. Description: Update AGESA RomePI to 1.0.0.B.</li><li>3. Set all OPROM control items to Legacy when boot mode set to Dual.</li><li>4. Add Redfish/SUM Secure Boot feature, update OOB for secure boot and reserve Key.</li><li>5. Remove legacy iSCSI support of H12 BIOS.</li><li>6. Added force next boot to UEFI Shell support.</li><li>7. Update AGESA MilanPI to 1.0.0.2.</li><li>8. Update A011 GN B1 microcode 0A00111D.</li><li>9. Install U.2 NVMe device on BPN, the device cannot hot plug under windows.</li></ol>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Fixed BIOS recovery happened used AFU to clear event log and then AC cycle the system.</li></ol>

## **2.0 (2/22/2021)**

1. [Rome/Next gen BIOS] Change BIOS revision to 2.0.
2. [Next gen BIOS] Update AGESA Next genPI to 1.0.0.1
3. [Next gen BIOS] Update A011 GN B1 microcode 0A001119
4. [Rome BIOS] Update AGESA RomePI to 1.0.0.A
5. [Rome/Next gen BIOS] Fix IPV6 disable in the IPMI GUI but BIOS initialize will appear IPV6 address
6. [Rome/Next gen BIOS] Per Platform Management FRU Information Storage Definition v1.1 to enhance SMBIOS Type39 System Power Supply information.
7. [Rome BIOS] Update 8310 SSP-B0 microcode 830104D.
8. [Rome BIOS] Expose Relaxed Ordering setup item.
9. [Rome BIOS] Support two different Type 41 name description for Broadcom LAN 1G/10G SKU
10. [Rome BIOS] Support preserve BIOS password feature for ROT project.
11. [Rome BIOS] Add the workaround for CPLD 18h BOOT\_OK problem until CPLD fix the issue.
12. [Rome BIOS] Exposed below items for GPU performance tuning.
13. 1. TSME, 2. DDR Power Down Enable, 3. PCIe Ten Bit Support
14. Fixed "Update IPMI LAN Configuration" will keep Yes when "IPv6 support" setup item disabled.
15. Fixed SATA SGPIO LED not active issue
16. Fixed the incorrect M.2 description in SMBIOS type 9 and BIOS setup
17. [Rome BIOS] Support dynamic adjust the SATA strings for H12SSL-NT only.