

## BIOS Release Notes Form

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<b>Product Name</b>	<b>H12DSU-iNR</b>
<b>Release Version</b>	<b>2.3</b>
<b>Release Date</b>	<b>10/20/2021</b>
<b>Previous Version</b>	<b>2.0</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>BIOS_H12DSUR-1C4B_20211020_2.3_STDsp.bin - BIOS image BIOS_H12DSUR-1C4B_20211020_2.3_STDsp.zip - BIOS image and flash utility package</b>
<b>Enhancements</b>	<b>1. Changed BIOS revision to 2.3. 2. Added Redfish/SUM Secure Boot feature and updated OOB for secure boot and reserve key. 3. Added support in SUM to upload and delete HTTPS TLS certificate. (The default is to enable the TOKEN "Sum_UploadTlsKey_SUPPORT.") 4. Set the BIOS setting "Relaxed Ordering default" to <i>Enabled</i>. 5. Updated AGESA RomePI to 1.0.0.C. 6. Exposed the BIOS setting "Enhanced Preferred IO Mode". 7. Updated AGESA MilanPI to 1.0.0.6. 8. Updated Milan B0/B1 stepping CPU microcode and Milan-X B2 stepping CPU microcode to patch Erratum #1381 Processor May Hang When Coherency Probe Hits Instruction Cache 9. Enabled SUM to modify AMD CBS settings.</b>

	<p><b>10. Fixed the BMC Redfish Host Interface named as ethX when CDN was disabled case under Linux OS.</b></p> <p><b>11. Disabled Legacy/EFI iSCSI support.</b></p> <p><b>12. Exposed the BIOS setting "BankGroupSwapAlt", "SEV-SNP Support", "Enhanced Preferred IO Mode" and "Root Complex 0x00~0xE0 LCLK Frequency".</b></p> <p><b>13. Changed the default of "Wait For "F1" If Error" to <i>Disabled</i>.</b></p>
<b>New features</b>	N/A
<b>Fixes</b>	N/A

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

<p><b>2.0 (06/18/2021)</b>  <i>First release.</i></p>
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