

## BIOS Release Notes Form

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<b>Product Name</b>	<b>X13DDW-A</b>
<b>Release Version</b>	<b>2.1 SPS: 6.1.4.5</b>
<b>Build Date</b>	<b>12/07/2023</b>
<b>Previous Version</b>	<b>1.4 SPS: 6.0.5.46</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated Eagle Stream Refresh Emerald Rapids Unified Patch Engineering Release - 2023 WW47.</li><li>2. Updated Intel Server Platform Services SPS_E5_6.1.4.005 PV candidate for MCTP issue.</li><li>3. Exposed "Page Policy".</li><li>4. After using SUM to load BIOS default, BBS can be restored to default also.</li><li>5. Updated secure boot KEK/DB to add new Microsoft certificate.</li><li>6. Added BIOS setup keyword search function. (Default is disabled.)</li><li>7. Updated Seamless capsule revision for EMR 2.1 BIOS.</li><li>8. Default disabled OOB send replace DisplayName feature to avoid the SUM OOB test fail problem.</li></ol>
<b>New features</b>	<b>None</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Fixed the issue of Preserving Secure Boot Keys.</li></ol>

	<ol style="list-style-type: none"><li>2. Resolved the "BMC LAN Selection" setup item differing from the "LAN selection interface" under BMC WEB GUI.</li><li>3. Resolved IPV6 "Preferred DNS server IP" and IPV6 "Alternative DNS server IP" not displaying correctly on BIOS setup.</li></ol>
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#### **Release Notes from Previous Release(s)**

##### **1.4 SPS: 6.0.5.46 (8/10/2023)**

1. Updated Intel Server Platform Services SPS\_E5\_6.0.5.046 PLR3 HF for Eagle Stream Server Update 782193 Intel Server Platform Services SPS\_E5\_6.0.5.046 PLR3 HF for Eagle Stream Server.
2. Fixed SUM RoT power fail malfunction issue.
3. Modified ME version strings, removed the "Manufacturer ID" string.
4. Updated Intel BKC SPR 2023\_WW21 PLR2/3, EMR 2023\_WW25, and Intel RC Version 103.D70.
5. Fixed missing end tag (0x78) of VPD data when the VPD length is multiple of 4. (0 base).
6. As RTC power loss ever happens, configure BIOS build time to system time.
7. Memory speed should be MT/s, not MHz.

##### **1.3 SPS: 6.0.4.70 (06/01/2023)**

1. Updated to Intel SPR BKC\_WW13 and EMR BKC 2023\_WW17, Intel RC Version 101.D56
2. Enhanced the solution for the error/warning message from dmidecode after a modification by AMIDE.
3. Exposed "Opt-Out Illegal MSI Mitigation", set PPIN default to "Unlock"

##### **1.1 (2/02/2023)**

1. Updated AMI label to 5.29\_EagleStreamCrb\_0ACOR\_071\_BETA.
2. Exposed and adjusted MRRS item.
3. Fixed the FWTS and WHQL fail issues.
4. Updated VROC SATA/sSATA EFI driver to VROC PreOS v8.0.0.4006 PV.
5. [SmcUefiBootsOptionRedfish] In order to be compatible with the code base of SuperBIOS and AMI, use SMC's defined GUID for passing the variable to BMC.
6. Fixed Type 17 that does not follow SPD Spec MemoryChannelBusWidth.
7. Exposed CPU "Optimized Power Mode".
8. Updated SATA SGPIO Mode option strings for all SATA configuration menus.
9. Hid "Homeless Prefetch".
10. Added CXL card support.
11. [SmcUefiBootsOptionRedfish] Revised inter-Group of Legacy can't be ordered.
12. Fixed issue where BIOS IIO Configuration menu will display four CPU sockets menus when loading BIOS Optimized Defaults.
13. Fixed WHQL HSTI Rollback firmware error.
14. Fixed CPU2 TDP disappears in BMC Web.
15. Corrected BankLocator for DP 1SPC projects.

##### **1.0a (11/03/2022)**

1. Changed BIOS Revision to 1.0a.
2. Updated Intel BKC WW41 from AMI label "5.29\_EagleStreamCrb\_0ACOR\_065".
3. Fixed issue with Sum GetBiosCfg not getting current bioscfg if booted to setup menu.
4. Enhanced SUM TC: 220/271/356/457 with Windows OS to resolve boot order compare failure after flash BIOS.
5. Updated EfiOsBootOptionNames module to label 19.

6. *Enhanced tool to support user disable for "CPU C1 auto demotion".*
7. *For chassis types "unknown" or "other", synchronization is performed from FRU0 to SMBIOS Type 03.*
8. *Added 1U 4 port NVMe BPN support.*
9. *Updated AFU to run /N or /clevnlog commands without errors.*
10. *Enhanced "Supermicro Security Erase Configuration" page to use JSON format.*
11. *Added SecureBoot Database to meet Redfish specification and added single key Delete function.*
12. *AIOM NIC MAC will no longer be reported as onboard LAN to BMC.*
13. *Updated detection issue with VROC key.*
14. *Fixed issue with system config #2/@5 sensor issue.*
15. *Fixed issue with 1U 2 port NVMe BPN support.*
16. *Fixed the issue with NM CPU/memory not reading temperature.*
17. *Fixed the issue with the HECI2 hidden device (Bus0:Dev22:Fun0) being exposed accidentally.*
18. *Fixed the issue with SUM update DMI data setting every DMI value.*
19. *Fixed HTTP/HTTPS boot failure after kernel update.*

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*Product Manager*

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*Date*