BIOS Release Notes Form

Product Name	**X13DEG-OA**
Release Version	**2.3 SPS: 6.1.4.047**
Build Date	**07/24/2024**
Previous Version	**2.2 SPS: 6.1.4.005**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for BKC 2024_WW12.** 2. **Updated m_87_c06f2_21000240 for EMR A stepping CPU.** 3. **Updated m_87_806f8_2b0005D1 for SPR E stepping CPU.** 4. **Updated m_10_806f8_2c0003A1 for SPR HBM B stepping CPU.** 5. **Updated Intel Server Platform Services SPS_E5_06.01.04.047.** 6. **Improved SmcVPD third-party LAN card's function.** 7. **Added a function to support HTTPs boot TLS certificate upload via BMC Redfish API.** 8. **Updated the TLS Certification setup page.** 9. **Updated Seamless MCU capsule revision to 2.1.** 10. **Identified the PLX FW version to switch to the correct SMBIOS Table.**
New features	**None**
Fixes	**None**

2.2 SPS: 6.1.4.005 (03/01/2024)

1. *Updated AMI label to 5.32_EagleStreamCrb_0ACOR_101 for BKC UMR1 2024_WW05.*
2. *Updated m_87_806f8_2b000590 for SPR E stepping CPU and m_10_806f8_2c000360 HBM B stepping CPU.*
3. *Updated the SUM OOB module to SMCOOBV2.00.22 to support Redfish replacing the display name feature.*
4. *Exposed "Directory Mode Enable" and added X-AMI.*
5. *Updated EDK2 NetworkPkg for AMI SA50218.*
6. *Updated AMITSE module for AMI SA50216.*
7. *Updated AMITSE module for AMI SA50230.*
8. *Cleaned the ACS Ctl Register for the PLX switch.*

2.1 SPS: 6.1.4.005 (12/08/2023)

1. *Updated AMI label to 5.32_EagleStreamCrb_0ACOR_099_BETA for BKC WW47.*
2. *Updated Eagle Stream Refresh Emerald Rapids Unified Patch Engineering Release - 2023 WW47.*
3. *Updated VROC SATA/sSATA/tSATA/VMD EFI driver to VROC PreOS v8.5.0.1096 PV.*
4. *Updated the SUM OOB module to SMCOOBV2.00.21 to support Redfish to replace the display name feature.*
5. *Enhanced the FixedBootOrder module to let the FixedBootOrder function show in the Redfish page.*
6. *Hid "XPT Prefetch" in EMR CPU.*
7. *Greyed out "Preferred DNS server IP" and "Alternative DNS server IP".*
8. *Default disabled OOB send replace DisplayName feature to avoid the SUM OOB test fail problem.*
9. *Updated Intel Server Platform Services SPS_E5_6.1.4.005 PV candidate for MCTP issue.*
10. *Supported the A16 GPU card.*
11. *Enhanced for UPI3 Enabled/Disabled in BIOS menu.*

1.4a SPS: 6.0.5.046 (9/20/2023)

1. *Fixed the NVMe ejection issue.*

1.4 SPS: 6.0.5.046 (8/4/2023)

1. *Applied the patch to fix the MCC timing issue.*
2. *Upgraded the codebase to Intel BKC 2023 WW26 PLR2/3.*

1.3 (SPS: 6.0.4.070)
Date: 05/04/2023

1. *Upgraded the codebase to Intel BKC 2023 WW13 PLR1*

1.2 (SPS: 6.0.4.033)
Date: 04/20/2023

1. *Got related information from BF2 cards and reported to BMC through SMBIOS records for enhancement*
2. *Updated codebase to Intel BKC 2023 WW09 MR2 for enhancement*