BIOS Release Notes Form

Product Name	**X13DEI-(T)**
Release Version	**2.4**
Release Date	**9/3/2024**
Previous Version	**2.3**
Update Category	**Enhancement**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_105_BETA for uPLR2 2. Fill DUID with UUID to avoid all system's DUID in IPv6 DHCP is the same.
New features	N/A
Fixes	1. Overwrite AmiPcdChassisType to sync SYS_CHASSIS_TYPE_1 setting

Release Notes from Previous Release(s)

1.1 (1/19/2023) Initial release.
1.3a (6/2/2023) 1. [Enhancement] Updated Intel BKC 2023_WW13, Intel RC Version 100.D45 PLR1. 2. [Enhancement] Updated AMI label to 5.31_EagleStreamCrb_0ACOR_083 (After PLR1)

3. [Enhancement] Enhance the solution for the error/warning message from dmidecode after a modification by AMIDE.
4. [Enhancement] Enhance the no bootable device message on POST screen feature.
5. [Enhancement] To update PCIe Leaky Bucket Expected BER and Error Threshold items default value
6. [Enhancement] Follow BMC SEL_SPEC_ver. 1.37 to add SEL for UPI (topology change) link degraded
7. [Enhancement] Use try-catch mechanism to recovery from CPU exception during driver health check.

1.4 (8/9/2023)
1. [Enhancement] Updated AMI label to 5.31_EagleStreamCrb_EMR_0ACOR_087
2. [Enhancement] Update PCIe Leaky Bucket Expected BER and Error Threshold items default value.
3. [Enhancement] Update S3M_PCode_MCC_S3 for MCC timing issue.
4. [Enhancement] Add Intel IPU 2023.3
5. [Enhancement] Improved compatibility and reliability

2.1 (12/13/2023)
1. [Enhancement] Updated AMI label to 5.32_EagleStreamCrb_0ACOR_098 for BKC WW45
2. [Enhancement] Update secure boot KEK/DB to add new Microsoft certificate.
3. [Enhancement] Update VROC SATA/sSATA/tSATA/VMD EFI driver to VROC PreOS v8.5.0.1096 PC
4. [Enhancement] Add BIOS setup keyword search function.
5. [Enhancement] Update Intel Server Platform Services SPS_E5_6.1.4.005 PV candidate for MCTP issue
6. [Enhancement] Expose "Page Policy"
7. [Fix] Improved compatibility and reliability
8. [Fix] Fixed SmcAOC module running abnormally.
9. [Fix] Fix the system hang during ipv4 HTTP boot.
10. [Fix] Fixed the issue of Preserving Secure Boot Keys

2.3 (5/14/2024)
1. [Enhancement] Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for BKC 2024_WW12
2. [Enhancement] Update uPLR1 OOB PRE release.
3. [Enhancement] Implement workload profile.
4. [Enhancement] Remove report the un-use boot device group in the Redfish BBS.
5. [Enhancement] [SecurityErase] Enhance Security Erase module, update version to v1.02.
6. [Enhancement] SUM get duplicate Super Guardians Form in lists.
7. [Enhancement] Update EDK2 NetworkPkg for AMI SA50218.
8. [Enhancement] Update AMITSE module for AMI SA50230.
9. [Enhancement] Update the SUM OOB module to SMCOOBV2.00.22 to support Redfish replace the display name feature.
10. [Enhancement] Add FixedBootOrder Group boot device default value.
11. [Enhancement] Fix BIOS Setup can not set stateful mode of IPv6.

12. [Fix] Resolve UEFI hard drive is not first boot priority after do IPMI one time PXE boot then install UEFI OS.
13. [Fix] Resolve X710 FW information is not shown on BIOS setup.
14. [Fix] Support VPD of CX6.
15. [Fix] Fix SUM getBiosCurrentCfg command failed issue.
16. [Fix] Fix SSM HTTPS boot fail

2.4 (9/3/2024)
1. [Enhancement] Updated AMI label to 5.32_EagleStreamCrb_0ACOR_105_BETA for uPLR2
2. [Enhancement] Fill DUID with UUID to avoid all system's DUID in IPv6 DHCP is the same.
3. [Fix] Overwrite AmiPcdChassisType to sync SYS_CHASSIS_TYPE_1 setting