Notes to Release Notes Authors

- *All fields <u>must</u> be completed; please indicate as "N/A" if not applicable.*

- *Release Notes <u>should</u> document functional changes, dependencies, bug fixes and added features.*

- *Release Notes <u>must not</u> mention the methods of implementation and/or internal processes.*

- *Release Notes <u>must not</u> mention of silicon errata and/or other external causations.*

- *Release Notes <u>must not</u> mention confidential/proprietary information and/or trade secrets <u>of Supermicro or any third party</u>.*

- *Please delete this page and the signature fields before submitting the document in <u>PDF Format</u> to Marketing for publication.*

BIOS Release Notes Form

Product Name	**X13DEG-R**
Release Version	**2.3**
Release Date	**07/01/2024**
Build Date	**07/01/2024**
Previous Version	**1.0**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Change X-AMI ID of "Volatile Memory Mode" to "CSPEG13F" to match BIOS template V1.8.** 2. **Implement Workload Profiles.** 3. **Add SmcSpd2Acpi module for ATS function test.** 4. **Fix UPI3 speed drop issue.** 5. **Removed some BIOS items to match BIOS template V1.8.** 6. **Update Seamless MCU Capsule Revision from 2.1 to 2.2.** 7. **Rebuild the SMC OOB module to fix that SUM get duplicate memory frequency problem.** 8. **Update the SUM OOB module to SMCOOBV2.00.22 to support Redfish replace the display name feature.** 9. **Updated AMI label to 5.32_EagleStreamCrb_0ACOR_102_BETA for 2024 BKC WW12.** 10. **Change SMC_OOB_REPLACE_REDFISH_DISPLAYNAME_POLICY from "Depends on BMC" to "DisplayName with QID".** 11. **Add "Disable Bitmap" and "Directory Mode Enable" items to match X13 BIOS template.**

	12. Add secure boot key "DBT" and "DBR" support for ATS test.
New features	**N/A**
Fixes	1. **Fix HTTPS boot failed with the latest AMI CRB label (BKC 12).** 2. **Clear ADMIN password will also clear USER password.** 3. **Correct "Intel SPR E Stepping" CPUID from "806F8" to "806F6" in OFID table.** 4. **Change "CSM Support" item default setting from "Enabled" to "Disabled".** 5. **Fix SSM HTTPS boot fail.** 6. **Update ACPI table to match USB port mapping of system platform (Only support Renesas USB controller) for WHQL test.**

Release Notes from Previous Release(s)

1.0 (01/31/2024)
1. First Release
Enhancements:
  1. Add early display support for SOL and console redirection.
  2. Disabled send RTC to BMC.
  3. Removed legacy support.
  4. Change and hide the IIO and VMD related setup items to match BIOS template.
  5. Rename and hide VMD related items' string to match motherboard's label.
  6. Updated AMI label to 5.32_EagleStreamCrb_0ACOR_099_BETA for BKC WW47
  7. Update Eagle Stream Refresh Emerald Rapids Unified Patch Engineering Release - 2023 WW47
  8. Update VROC SATA/sSATA/tSATA/VMD EFI driver to VROC PreOS v8.5.0.1096 PV

Fixes:
  1. Fixed Httpboot random boot failure.
  2. Fixed IERR event log doesn't follow spec issue.
  3. Fixed located LED of BPN can't be controlled by VMD option ROM in BIOS setup.
  4. Fixed early console can't work issue.
  5. Fixed can't turn off VMD mode locate LED of BPN-NVME5-228N-S4
  6. Fixed front panel SATA LED can't work issue.
  7. Update ACPI table to fix USB port mapping issue for WHQL test.
  8. Update IIO slot configuration table to fix VMD locate LED can't work issue.
  9. Fixed VMD function can't work issue for Intel BRC WW47.
  10. Fixed SecureErase function can't work for U.2 NVME devices.

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Product Manager   *Date*