BIOS Release Notes Form

Product Name	**X14DBM-SP**
Release Version	**1.2**
Build Date	**02/13/2025**
Previous Version	**1.0a**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Updated code base to 5.35_0ACQZ_3544P22_GNRAP_GNRSP_070_BETA.** 2. **Added SMC_ONLY_LOG_CORRECTED_MCE_WITH_YELLOW_STATUS support.** 3. **Fixed how the DNS IP showed up incorrectly when setting the DNS IP in the web.** 4. **Enabled 'Latency Optimized Mode' for workload profiles (HPC, Virtualization) and ENERGY_PERF_BIAS_CFG modes (Maximum, Extreme Performance).** 5. **Configured "Thread Enabled" in SBMIOS type 4.** 6. **Implemented the TPM Redfish MeasurementSet feature.** 7. **Masked the Aspeed VGA and VGA root port AER reporting.** 8. **Fixed the system hang with KioXia NVMe driver. Integrated EIF812015 Solution.** 9. **Updated smbios type 17 Memory Technology for MRDIMM (SMBIOS 3.8).**

	10. Fixed the issue where some setup items changed to unexpected settings when using the ipmitool to change boot order and if the system had an additional reset during the change boot order process. 11. Added the mechanism to reset MMIO of MMBI whenever BMC set BmcResetRequest. 12. Added functions to support the setup item change function. 13. Enabled "Extreme Performance" CPU Power Profile. 14. Updated the built-in SuperDiag for BirchStream platform, based on GIT_dccd148ce312dc6d96903b0fa73b4b8fc8443b8c. (Needs BMC support.) 15. Updated BirchStream Granite Rapids AP BKC - 2024 WW42(PC) and Intel-Generic-Microcode-20241021_NDA Release. 16. Supported boot to shell via IPMI change boot order command. 17. Revised the system diagnostics hot key flow. 18. Updated the help message of the riser card slot OPROM control item based on the riser card FRU data.
New features	None
Fixes	1. Fixed dependency issues with 'Hardware P-States' and Maximum Performance. 2. Fixed HttpBootCheckSpaceToDeleteAllHttp Problem. 3. Fixed how the BMC IPV6 setup items didn't work. 4. Fixed how SEL, after injecting memory UECC, was not mapped out. 5. TXT test error resulted in the system being unable to enter TXT enviorment Dual Porcessor.

	6. Fixed the problem where firmware protection and memory integrity could not be simultaneously enabled (AMI EIP #800598). 7. Fixed the POST hang 0xB9 when Enhanced PPR set Persistent and keyboard reset on shell. 8. Fixed the issue where the smbios runtime unexpectedly restored. 9. Applied patch for SXB7 x16 -> x8 case from Kasber. 10. Aligned 5.35_0ACQZ_3085M19_SRFSP_50_PB1Branch_007 to resolve the PCR 0 mismatch. 11. Fixed how there was no copyright string in text mode. 12. Fixed how the HTTPs boot TLS certificate via BMC Redfish API failed to delete. 13. Fix the NVMe detection issue on the 222H-TN Hybrid models.

Release Notes from Previous Release(s)

1.0a (07/26/2024)

1. *Fixed a system hang at 92 with 24 Kioxia NVMe.*
2. *Bypassed PCIe VC init to solve the RHEL9.4 installation issue.*
3. *Patched the system loop reboot issue when the Renesas USB dropped.*
4. *Updated the Psys domain profile for the NM access issue.*
5. *Removed SRF ES support for TXT.*
6. *Fixed the NVME hotplug/LED issue under VMD mode.*

1.0 (05/25/2024)

1. *First release.*

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Product Manager   *Date*