BIOS Release Notes Form

Product Name	**X12SPT-G/-GC**
Release Version	**1.4a**
Release Date	**12/17/2022**
Build Date	**12/17/2022**
Previous Version	**1.4**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Updated 5.22 _WhitleyCrb_0ACMS_ICX_74 Intel BKCWW46.** 2. **Updated the VROC SATA/sSATA EFI driver to VROC PreOS v7.8.0.1012 to address Intel Virtual RAID on CPU (VROC): Data Loss Exposure Due to RAID 5 TRIM.** 3. **Moved AF workaround code to address the issue where the system is stuck in 0xAF power cycling when executing update golden image.** 4. **Updated the DBX file to fix Secure Boot Bypass issue.** 5. **Updated the template v1.1_20220809.** 6. **Updated the BPS UEFI driver to 02.00.00.3887 for IPU2022.3.** 7. **Followed the SMBIOS template sync the chassis type from FRU0 to SMBIOS Type 03. Removed ignore sync up SMBIOS Type 03 when the chassis type is unknown or other.**

	8. **Updated Intel Server Platform Services for Whitley Server Platforms IPU2023.1 4.4.4.301.** 9. **Updated the signal value for AOC-GTG-B2T.**
New features	**None**
Fixes	**None**

Release Notes from Previous Release(s)

1.4 (07/12/2022)

1. *Updated SmcOOB to the version "_SMCOOBV1.01.25_" to fix unexpected system-resetting when loading NVRAM defaults.*

2. *Updated 5.22_WhitleyCrb_0ACMS_ICX_72.1 Intel BKCWW23 PLR3.*

3. *Updated VROC SATA/sSATA EFI driver to VROC PreOS v7.7.6.1004 to address INTEL-TA-00692. CVE-2022-29919(7.8 High), CVE-2022-30338(6.7 Medium), CVE-2022-29508(6.3 Medium), CVE-2022-25976(5.5 Medium)*

4. *Added IPMI PXE boot support to all LAN ports, for both Legacy and UEFI PXE.*

5. *Added Link Retrain per port in the BIOS.*

1.3 (05/12/2022)

First release.