

BIOS Release Notes Form

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Product Name	X12SPT-G/-GC
Release Version	1.7
Release Date	09/24/2023
Build Date	09/24/2023
Previous Version	1.4b
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated BIOS revision to 1.7.2. Updated 5.22_WhitleyCrb_OACMS_ICX_076_BETA (IPU-PV 2023.3).3. Changed strings from "Lock mode" to "Lockdown mode".4. Updated Dx/Mx BETA microcode for IPU2023.4 Out of band for Intel-TA-00950 to address CVE-2023-23583 (High 8.8) security issue.
New features	None
Fixes	<ol style="list-style-type: none">1. Fixed ENERGY_PERF_BIAS_CFG Mode item changing to default after SUM update BIOS with the "--preserve_setting" command.

Release Notes from Previous Release(s)

1.4b (01/20/2023)

1. Updated 5.22_WhitleyCrb_OACMS_ICX_74 Intel BKCWW46 IPU2023.1, please check header for firmware revisions.
2. Updated Intel Server Platform Services for Whitley Server Platforms IPU2023.1 4.4.4.301.
3. Updated VROC SATA/sSATA EFI driver to VROC PreOS v7.8.0.1012.
4. Fixed an issue where memory errors were not being reported in the SMBIOS event log.
5. Fixed system exception problem.

1.4a (12/17/2022)

1. Updated 5.22_WhitleyCrb_OACMS_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.

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_OACMS_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.