

BIOS Release Notes Form

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Product Name	X12SPT-PT
Release Version	1.6
Release Date	08/18/2023
Build Date	08/18/2023
Previous Version	1.4
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated 5.22_WhitleyCrb_0ACMS_ICX_076_BETA (IPU-PV 2023.3).2. Added support for VPD of card MCX562A-ACAB.3. Added SEL (Sensor Type : 0xC3, Data1 : 0x06, Data2 : CPU Index, Data3 : UPI Index) for UPI (topology change) link degraded.4. Updated secure boot DBX.
New features	None
Fixes	<ol style="list-style-type: none">1. Removed duplicated "ENERGY_PERF_BIAS_CFG Mode" HII data.2. Resolved issue that configured SMBIOS cannot be preserved after clearing CMOS.

	<ul style="list-style-type: none">3. Fixed incorrect total memory size on setup if six DIMMs are installed.4. Fixed memory being still mapped out because of UECC even after AC cycle.
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Release Notes from Previous Release(s)

1.4 (7/12/2022)

1. Updated BIOS version to 1.4.
2. Updated 5.22_WhitleyCrb_OACMS_ICX_72 Intel BKCWW23 PLR3 (please check header for firmware revisions). For INTEL-SA-00657 Security Advisory to address CVE-2022-21233(6.0, Medium) security issue. For INTEL-SA-00686 Security Advisory to address CVE-2021-33060(7.8, High) security issue.
3. Updated VROC SATA/sATA 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) Updated VROC SATA/sATA legacy driver to VROC PreOS v6.3.5.1003 Hot Fix to fix 10TB or higher volume drive issue.
4. Added "CSM Support" setup item into SMCISBForm page.
5. Updated ucode M87606A6_OD000375 to address the following issue: For INTEL-SA-00657 Security Advisory to address CVE-2022-21233(6.0, Medium) security issue. For INTEL-SA-00686 Security Advisory to address CVE-2021-33060(7.8, High) security issue.
6. If chassis type of FRU0 is not 1(other) or 2(unknown), it will now be synced to SMBIOS type 3.
7. Disabled Link Re-train in BIOS to avoid secondary Bus Reset following Intel MOW 22WW27 and expose Link Re-train per port in BIOS.