BIOS Release Notes Form

Product Name	**X12SPW-(T)F**
Release Version	**1.2 SPS 4.4.4.62**
Release Date	**2/14/2022**
Build Date	**2/14/2022**
Previous Version	**1.1c**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Updated BIOS version to 1.2.** 2. **Updated AMI 5.22_WhitleyCrb_0ACMS_ICX_070_BETA RC27P52 for BKC 2021_WW52 (PLR1), and RC27P56 for PLR1 HF.** 3. **Changed string "VMX" to "Intel Virtualization Technology".**
New features	**N/A**
Fixes	1. **Removed 1G option from MMCFG base to avoid system hang.** 2. **Fixed the SMBIOS event log ERROR CODE that is not displaying correctly under BIOS menu issue (EFI error type).** 3. **Fixed SpeedStep (P-States) setting change when its default setting is set to Disable, and load BIOS defaults in Setup.** 4. **Rolled back VROC SATA/sSATA EFI driver to VROC PreOS v7.6.0.1012 to fix system hang when VMD is enabled.**

1.1c (11/8/2021)

1. Updated BIOS version to 1.1c.
2. Updated 5.22_WhitleyCrb_0ACMS_ICX_069 Beta Intel BKCWW39 2021 PV MR7, please check header for firmware revisions.
3. Updated Dx/Mx microcode from Intel-Generic-Microcode-20210927_NDA.
4. Updated BIOS ACM to 20210720 (1.0.D) and SINIT ACM 20210827 (1.0.F).
5. Updated SPS 4.4.4.58.
6. Exposed the "Data Link Feature Exchange" BIOS setting in PCIe SLOT pages.
7. Removed the 1G option from MMCFG base to avoid system hang.
8. Updated BMC boot status to indicate that the ROM is being flashed at a different memory location.
9. Updated SmcOutBand in SmcPKG/Module/SmcOOB to allow the DMI data to be stored when executing "SUM -c LoadDefaultBiosCfg".

1.1a (3/5/2021)

1. Updated BIOS version to 1.1a.
2. Updated 5.22_WhitleyCrb_0ACMS_ICX_066 Intel BKCWW24 2021
PV MR4, please check header for firmware revisions.
3. Updated Dx/Mx microcode from Intel-Generic-Microcode-
20210701_NDA.
4. Updated SATA/sSATA EFI driver to VROC PreOS v7.6.0.1012.
5. Added support to riser card RSC-W2R-666G4.
6. Disabled EFI iSCSI support.
7. Path BMC Redfish Host Interface was renamed as ethX for the case
where CDN was disabled under Linux OS.
8. Corrected SMBIOS Type41 information.