# BIOS Release Notes Form

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| **Product Name** | **X12DSC-6** |
| **Release Version** | **1.4 SPS: 4.4.4.202** |
| **Build Date** | **7/12/2022** |
| **Previous Version** | **1.2** |
| **Update Category** | **Recommended** |
| **Dependencies** | **None** |
| **Important Notes** | **None** |
| **Enhancements** | 1. **Updated SmcOOB to the version "_SMCOOBV1.01.25_" to fix the unexpected system-reseting when loading NVRAM defaults.**<br>2. **Updated 5.22_WhitleyCrb_0ACMS_ICX_72.1 Intel BKCWW23 PLR3.**<br>3. **Updated VROC SATA/sSATA EFI driver to VROC PreOS v7.7.6.1004 to adress INTEL-TA-00692.**<br>4. **Added support for IPMI PXE boot to all LAN ports feature for both Legacy and UEFI PXE.**<br>5. **Added Link Retrain per port item in BIOS.** |
| **New features** | **N/A** |
| **Fixes** | **None** |

### 1.2 (3/5/2022)

1. Updated AMI 5.22_WhitleyCrb_0ACMS_ICX_070 RC27P56 to BKC 2021_WW52 (PLR1 HF).
2. Added flag [Preserve BIOS Boot Options Configuration] controlled by BMC/SUM.
3. Changed string "VMX" to "Intel Virtualization Technology".
4. Change BIOS revision to 1.2.
5. Removed 1G option from MMCFG base to avoid system hang.
6. Fixed the SMBIOS event log ERROR CODE which is not displaying correctly under BIOS menu issue (EFI error type).
7. Fixed SpeedStep (P-States) setting, changed when its default setting is set to Disable, and load BIOS defaults in Setup.
8. Fixed COM port resource that can't be changed and item's behavior failure.

### 1.1a (7/21/2021)

1. Updated 5.22_WhitleyCrb_0ACMS_ICX_066_BETA Intel BKCWW24 2021 PV MR4.
2. Updated Dx/Mx microcode from Intel-Generic-Microcode-20210701_NDA.
3. Updated SmcOOB module to 1.01.24 to support SUM clean SMBIOS Event log through BiosCfg header flag.
4. Corrected firmware version and vendor on Trusted Computing page.