BIOS Release Notes Form

Product Name	**X12DPG-QBT6**
Release Version	**1.6**
Release Date	**11/08/2023**
Build Date	**08/28/2023**
Previous Version	**1.4b**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_075 Intel 2023.2 IPU-PV.** **2.[Enhancements] Improve VROC key detection** **3.[Enhancements] Boot option is not created for single hard drive under RAID mode.** **4.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_076_BETA (IPU-PV 2023.3).**
New features	**N/A**
Fixes	**1.[Fixes] Fix system halts after configure MMCFG Base to 1.5G and 1.75G.** **2.[Fixes] Fix ECO test case 2020 fails.**

| | 3.[Fixes] Fix incorrect total memory size on setup if install 6 memory. |
| | 4.[Fixes] Fix memory still is mapped out because of UECC even after AC cycle. |

Release Notes from Previous Release(s)

1.4b (04/11/2023)
1.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_74 (Intel BKC WW46 IPU2023.1).
2.[Enhancements] Update Intel Server Platform Services for Whitley Server Platforms IPU2023.1
4.4.4.301.
3.[Fixes] Fixe memory error is not reported in SMBIOS event log.
4.[Fixes] Enable all boot variable written back by Windows for test case 2071, 3056 and 4057.
5.[Fixes] Resolve abnormal SOL resolution.
6.[Enhancements] Update SEL for processor error.

1.4a (01/03/2023)
1.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_73 Intel BKCWW40 PLR3 OOB, please check header for firmware revisions.
2.[Enhancements] Update 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 Support document #737276
3.[Enhancements] Moved AF w/a code.
4.[Enhancements]Follow CPLD spec to set BIOS_EXIT_UBOOT and BIOS_BOOT_OK for VRM I2C protect
5.[Enhancements] Follow the SMBIOS template sync the chassis type from FRU0 to SMBIOS Type 03.
6.[Fixes]Fix SOL resolution abnormal.

1.4 (07/12/2022)
1. First Release.