

BIOS Release Notes Form

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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.

	<p>3.[Fixes] Fix incorrect total memory size on setup if install 6 memory.</p> <p>4.[Fixes] Fix memory still is mapped out because of UECC even after AC cycle.</p>
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Release Notes from Previous Release(s)

1.4b (04/11/2023)

- 1.[Enhancements] Update 5.22_WhitleyCrb_OACMS_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_OACMS_ICX_73 Intel BKCWW40 PLR3 OOB, please check header for firmware revisions.
- 2.[Enhancements] Update VROC SATA/sATA 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.