BIOS Release Notes Form

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Product Name	**X12DPi-N(T)6**
Release Version	**1.2a SPS: 4.4.4.62**
Build Date	**05/12/2022**
Previous Version	**1.2**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Change version from 1.2 to 1.2a.** **2. Improved UOL handle for BMC boot up timeouts.**
New features	**1. Added KMS feature.**
Fixes	**1. Fixed VMD issue. Fixed issue where the BIOS hangs at 79 when VMD is enabled.** **2. Fixed Event log area length. Fixed issue with the length of event log area, which always shows 0.** **3. Fixed NVRAM modifying limitation.** **4. Fixed AC on/off DMI info mismatch.** **5. Fixed the inability of the system to clean the Event Log.** **6. Fixed issue where CPU1 does not appear.**

1.2 (01/26/2022)

1. *Updated Intel BKC to 2021_WW52 (KIT #709738), RC*
2. *Updated Intel BKC to 2021_WW52 (KIT #709738), SPS*
3. *Updated Intel BKC to 2021_WW52 (KIT #709738), ACM*
4. *Updated Intel BKC to 2021_WW52 (KIT #709738), SINIT*
5. *Updated Intel BKC to 2021_WW52 (KIT #709738), CPU 606A6 Microcode*
6. *Updated Intel BKC to 2021_WW52 (KIT #709738), Intel VROC UEFI*
7. *Updated Intel BKC to 2021_WW52 (KIT #709738), Intel PMEM UEFI*

1.1c (08/30/2021)

1. Updated the Intel BKC to 2021_WW32 (KIT #645801), RC, Intel update to BKC to fix general platform issues.
2. Updated the Intel BKC to 2021_WW32 (KIT #645801), SPS, Intel update to BKC to fix general platform issues.
3. Updated the Intel BKC to 2021_WW32 (KIT #645801), ACM, Intel update to BKC to fix general platform issues.
4. Updated the Intel BKC to 2021_WW32 (KIT #645801), SINIT, Intel update to BKC to fix general platform issues.
5. Updated the Intel BKC to 2021_WW32 (KIT #645801), CPU 606A6 Microcode, Intel update to BKC to fix general platform issues.
6. Updated the Intel BKC to 2021_WW32 (KIT #645801), Intel VROC UEFI, Intel update to BKC to fix general platform issues.

1.1b (7/20/2021)

1. *Reworked UOL to remove MAC from Type 42.*
2. *Reworked BIOS Template to conform to version 1.0 of the Whitley template.*

1.1a (6/25/2021)

1. Updated Intel BKC to 2021_WW24 (KIT #642595), RC.
2. Updated Intel BKC to 2021_WW24 (KIT #642595), SPS.
3. Updated Intel BKC to 2021_WW24 (KIT #642595), ACM.
4. Updated Intel BKC to 2021_WW24 (KIT #642595), SINIT.
5. Updated Intel BKC to 2021_WW24 (KIT #642595), CPU 606A6 Microcode.
6. Reworked BIOS Template to match version 1.0.
7. Reworked SUM support.
8. Incremented the Anti-Rollback ID to 2.
9. Fixed PB issues.

1.1 (4/21/2021)

1. Updated Intel BKC to WW15'21 (PV), RC.
2. Updated Intel BKC to WW15'21 (PV), SPS.
3. Updated Intel BKC to WW15'21 (PV), 606A4 Microcode.
4. Updated Intel BKC to WW15'21 (PV), 606A5 Microcode.
5. Updated Intel BKC to WW15'21 (PV), 606A6 Microcode.
6. Updated Intel BKC to WW15'21 (PV), BIOS ACM.
7. Updated Intel BKC to WW15'21 (PV), SINIT ACM.
8. Updated Intel BKC to WW15'21 (PV), NVDIMM UEFI HII.
9. Update Intel BKC to WW15'21 (PV), VMD VROC.
10. Reworked BIOS Template to match version 0.9.
11. Reworked SUM Support.

12. Implemented Unique FW Name in OEMFID.
13. Implemented Redfish Boot Options.
14. Implemented Intel Optane DCPMM FW Update.
15. Fixed PB issues.

1.0a (12/28/2020)

1. Updated Intel BKC to WW51'20.
2. Reworked BIOS template to match version 0.8.
3. Reworked MCTP.

1.0 (10/30/2020)

Initial release.