

BIOS Release Notes Form

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Product Name	X12DAi-N6
Release Version	1.9 SPS: 4.4.4.603
Build Date	02/23/2024
Previous Version	1.8 SPS: 4.4.4.603
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated BIOS revision to 1.9. 2. Applied SA50216 supplement.
New features	None
Fixes	1. Fixed ATT BIOS Combine ECO TC 1038 failed.

Release Notes from Previous Release(s)

1.8 SPS: 4.4.4.603 (11/28/2023)

1. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), RC.
2. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), SPS.
3. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), ACM.
4. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), SINIT.
5. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), CPU 606A6 Microcode.
6. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), Intel VROC UEFI.
7. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), Intel PMEM UEFI.
8. Updated Option ROM for Intel I210 Giga LAN UEFI.
9. Updated Intel BKC to 2024.1 IPU-PV(KIT#791469), RC.

1.6 (09/12/2023)

1. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), RC.
2. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), SPS.
3. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), ACM.
4. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), SINIT.
5. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), CPU 606A6 Microcode.
6. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), Intel VROC UEFI.
7. Updated Intel BKC to 2023.3 IPU-PV(KIT#778442), Intel PMEM UEFI.
8. Updated Option ROM for Intel I210 Giga LAN UEFI.
9. Fix latest AMI CRB will cause BIOS hang at POST code 92.

1.5 (4/11/2023)

1. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), RC.
2. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), SPS.
3. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), ACM.
4. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), SINIT.
5. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), CPU 606A6 Microcode.
6. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), Intel VROC UEFI.
7. Updated Intel BKC to 2023.2 IPU-PV(KIT#768568), Intel PMEM UEFI.
8. Updated Option ROM for Intel I210 Giga LAN UEFI.

1.4b (1/9/2023)

1. Updated Intel BKC to 2022_WW46(IPU 2023.1), RC.
2. Updated Intel BKC to 2022_WW46(IPU 2023.1), SPS.
3. Updated Intel BKC to 2022_WW46(IPU 2023.1), ACM.
4. Updated Intel BKC to 2022_WW46(IPU 2023.1), SINIT.
5. Updated Intel BKC to 2022_WW46(IPU 2023.1), CPU 606A6 Microcode.
6. Updated Intel BKC to 2022_WW46(IPU 2023.1), Intel PMEM UEFI.
7. Updated Option ROM for Intel I210 Giga LAN UEFI.

1.4 (7/11/2022)

1. Updated Intel BKC to 2022_WW23(KIT #732569), RC
2. Updated Intel BKC to 2022_WW23(KIT #732569), SPS
3. Updated Intel BKC to 2022_WW23(KIT #732569), ACM
4. Updated Intel BKC to 2022_WW23(KIT #732569), SINIT
5. Updated Intel BKC to 2022_WW23(KIT #732569), CPU 606A6 Microcode
6. Updated Intel BKC to 2022_WW23(KIT #732569), Intel VROC UEFI
7. Updated Intel BKC to 2022_WW23(KIT #732569), Intel PMEM UEFI
8. Updated Option ROM for Intel I210 Giga LAN UEFI
9. Added link retrain per port in BIOS.

1.2b (6/1/2022)

1. FRU Test Case - 113

1.2a (4/19/2022)

1. Rolled back VROC SATA/sSATA EFI driver to VROC PreOS v7.6.0.1012. This fixes a system hang when VMD is enabled.

1.2 (2/07/2022)

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
8. Updated Option ROM for Intel I210 Giga LAN UEFI

1.1b (9/10/2021)

1. Updated Intel BKC to 2021_WW32 (KIT #645801), RC.
2. Updated Intel BKC to 2021_WW32 (KIT #645801), SPS.
3. Updated Intel BKC to 2021_WW32 (KIT #645801), ACM.
4. Updated Intel BKC to 2021_WW32 (KIT #645801), SINIT.
5. Updated Intel BKC to 2021_WW32 (KIT #645801), CPU 606A6 Microcode.

1.1a (8/9/2021)

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. Added SMC DIMM bar code information to SMBIOS type 17 serial number field.
7. Fixed failure of AC on/off test in some conditions.

1.1 (4/30/2021)

1. Updated Intel BKC to WW17'21 (PV), RC.
2. Updated Intel BKC to WW17'21 (PV), SPS.
3. Updated Intel BKC to WW17'21 (PV), 606A4 Microcode.
4. Updated Intel BKC to WW17'21 (PV), 606A5 Microcode.
5. Updated Intel BKC to WW17'21 (PV), 606A6 Microcode.
6. Updated Intel BKC to WW17'21 (PV), BIOS ACM.
7. Updated Intel BKC to WW17'21 (PV), SINIT ACM.
8. Updated Intel BKC to WW17'21 (PV), NVDIMM UEFI HII.
9. Updated Intel BKC to WW17'21 (PV), VMD VROC.

1.0a (3/18/2021)

1. Updated Intel BKC to WW11'21.

Product Manager

Date