



## NUC BIOS Update Release Notes

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**PRODUCTS:** NUC9VXQNB/X, NUC9V7QNB/X (Quartz Canyon)

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**Version 0076 - QNCFLX70.0076.2024.0521.0000**

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### About This Release:

- ROM Image Checksum: 0x869E3C7D
- EC Firmware: 24.44
- ME Firmware: 12.0.94.2380
- PMC Firmware: 300.2.11.1025
- I219 NVM: 0.5
- CRB Label: 1AUOK048
- Boot Guard ACM: 1.8.0
- Bios Guard: Based on BiosGuard\_039
- Silicon Initialization Code: Based on 7.0.68.40
- Memory Reference Code: 0,7,1,110
- MEBx Revision: 12.0.0.0011
- Integrated Graphics
  - UEFI Driver: 9.0.1086
- Intel RST Pre-OS:
  - VMD UEFI Driver: 17.5.0.4055
- SATA RAID Option ROM: 17.5.0.4055
- AHCI Code: Based on AHCI\_19
- LAN Option ROM: 0.5
- Microcode Updates included in .ROM File:
  - M22906EC\_000000F0.pdb
  - M22906ED\_00000100.pdb

### Security Patch:

- 2023.4 Intel Platform Update
- Flash driver security review
- TOCTOU Vulnerability in SmiFlash (Enhancement)
- Vulnerabilities in EDK2 NetworkPkg
- Extended Image Parser Corruption Correction
- UsbRt TOCTOU Vulnerability
- 2024.1 Intel Platform Update

### Feature Change/Update:

- Update Intel KEK/DB keys to support MSFT CA 2023

### Issue Fix:

- If use F7 update that not support BIOS revision .CAP file, the message have "Intel" link
- The POST screen is not correct after the BIOS block downgrade message is displayed.
- EBU will fail on the second time update

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