



BIOS Update Release Notes

PRODUCTS: NUC9i5QNX, NUC9i7QNX, NUC9i9QNX

BIOS Version 0054 - QXCFL579.0054.2020.0811.1512

About This Release:

- Date: August 11, 2020
- ROM Image Checksum: 0x3A84
- ME Firmware: 12.0.67.1579
- EC Firmware: 24.36
- PMC Firmware: 300.2.11.1025
- Memory Reference Code: Based on 7.0.68.40
- Integrated Graphics:
 - Option ROM: NA
 - UEFI Driver: 9.0.1086
- SATA RAID Option ROM: 17.5.0.4055
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:
 - WinBond W25Q128JVSIQ 16MB

- Microcode Updates included in .BIN & .CAP Files:
 - M22906EA_000000D6.pdb
 - M22906ED_000000D6.pdb

New Fixes/Features:

- Fixed issue where Jumper Recovery Method would not update ME Firmware on first flash attempt.
- Improved BIOS code.

BIOS Version 0052 - QXCFL579.0052.2020.0717.1650

About This Release:

- Date: July 17, 2020
- ROM Image Checksum: 0xB96E
- ME Firmware: 12.0.67.1579
- EC Firmware: 24.36
- Memory Reference Code: Based on 7.0.68.40
- Integrated Graphics:
 - Option ROM: NA
 - UEFI Driver: 9.0.1086
- SATA RAID Option ROM: 17.5.0.4055
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:

*Other names and brands may be claimed as the property of others.

- Microcode Updates included in .BIN & .CAP Files:
M22906EA_000000B4.mcb
M22906ED_000000BE.mcb

New Fixes/Features:

- Fixed issue when "IGD Minimum Memory" was set to 512MB ,1GB and 1.5GB, 4096MB system would not boot to OS.
- Fixed issue that Windows Update prompt an abnormal TPM update box on Quartz Canyon.
- Disabled Thunderbolt boot as default.
- Fixed issue regarding BIOS Setup & Boot.
- Fixed issue where TCG Storage Device Security Configuration was incorrect.
- Updated ME FW to 12.0.67.1579
- Updated PMC FW 300.2.11.1025
- Improved SMBIOS capabilities.
- Updated EC FW 24.36
- Removed ME version blocker in flash update process.
- Fixed issue where failsafe watchdog does not active and load memory default after unexpected adjustment with memory setting.
- Implemented QR code feature for Aptio V BIOS.
- Optimized BIOS boot time.
- Fixed issue that system abnormal wake from S3, S4 and S5 in sleep state.
- Implemented Over-Clocking function.
- Updated BIOS code for security fixes.
- Fixed issue with iSetupCfg implementation.
- Hide "Legacy Boot" option and setup strings.
- Fixed issue with BIOS recovery.
- Improved WMI Interface and functions:
 - 1) Added software control of Single-Color LED Brightness.
 - 2) Added software control of Dual-Color LED Brightness.
- Implemented PsysPL2 control feature.
- Fixed issue with TXT callback capability.

BIOS Version 0036 - QXCFL579.0036.2019.1212.0145

About This Release:

- Date: December 12, 2019
- ROM Image Checksum: 0x267E
- ME Firmware: 12.0.40.1433
- EC Firmware: 24.34
- Memory Reference Code: Based on 7.0.68.40
- Integrated Graphics:
 - Option ROM: NA
 - UEFI Driver: 9.0.1086
- SATA RAID Option ROM: 17.5.0.4055
- SATA non-RAID Option ROM: NA
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:
WinBond W25Q128JVSIQ 16MB
- Microcode Updates included in .BIN & .CAP Files:
M22906EA_000000B4.mcb
M22906ED_000000BE.mcb

New Fixes/Features:

- BIOS version available for **NUC9i5QNX, NUC9i7QNX, NUC9i9QNX**
- Fixed issue where monitor did not display when set "PCIE Bifurcation Configuration" to force x16.
- Changed PL1 to 45W for **NUC9i5QNX** only.

BIOS Version 0034 - QXCFL579.0034.2019.1125.1436

About This Release:

- Date: January 7, 2020
- ROM Image Checksum: 0x2FB6
- ME Firmware: 12.0.40.1433
- EC Firmware: 24.33
- Integrated Graphics:
 - Option ROM: NA
 - UEFI Driver: 9.0.1086
- SATA RAID Option ROM: 17.5.0.4055
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV
- Supported Flash Devices:
WinBond W25Q128JVSIQ 16MB
- Microcode Updates included in .BIN & .CAP Files:
M22906EA_000000B4.mcb
M22906ED_000000BE.mcb

New Fixes/Features:

- Initial production BIOS release
- This BIOS version applies only to **NUC9i7QNX, NUC9i9QNX**

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