BIOS Update Release Notes

PRODUCTS: NUC8v5PNB, NUC8v5PNK, NUC8v5PNH, NUC8v7PNB, NUC8v7PNK, NUC8v7PNH

BIOS Version 0039 - PNWHL57v.0039.2020.0722.1503

About This Release:

- Date: Jul 22, 2020
- ROM Image Checksum: 190a970f
- ME Firmware: 12.0.45.1509
- EC Firmware: 00.36.00
- EC2 Firmware: 0.17
- PD Firmware: 1.5.06
- Memory Reference Code: Based on 7.0.68.40
- MEBx Revision: 12.0.0.0010
- Integrated Graphics:
  - VBIOS: 9.2.1020
  - GOP: 9.0.1085
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:
  - Macronix MX25L25673 32MB

- Microcode Updates included in .BIN & .CAP Files:
  - MD0806EB_000000B8.mcb
  - M94806EC_000000CA.mcb

New Fixes/Features:

- Updated EC Firmware to 00.36.00
- Updated EC2 Firmware to 0.17
- Added additional feature for VR current limit.
- Fixed BIOS watchdog counter not clearing.
- Disabled BIOS Self Recovery when Failsafe Watchdog is disabled
- Fixed issue with Thunderbolt Boot default setting. Changed from enabled to disabled by every BIOS flash method.

BIOS Version 0037 - PNWHL57v.0037.2020.0324.1433

About This Release:

- Date: Mar 24, 2020
- ROM Image Checksum:846d
- ME Firmware: 12.0.45.1509
- EC Firmware: 00.34.00
- EC2 Firmware: 0.16
- PD Firmware: 1.5.06
- Memory Reference Code: Based on 7.0.68.40
- MEBx Revision: 12.0.0.0010
- Integrated Graphics:
  - VBIOS: 9.2.1020
  - GOP: 9.0.1085
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:
  - Macronix MX25L25673 32MB

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- Microcode Updates included in .BIN & .CAP Files:
  - MD0806EB_000000B8.mcb
  - M94806EC_000000CA.mcb

New Fixes/Features:

- Updated EC FW to 00.34.00
- Added "intelunite" string in SMBIOS type 11 for vPro products.
- Fixed issue where missing variable lock allowed write data to SMRAM.
- Fixed issue where USB 2.0 device in internal USB 3.0 port does not display remove icon.
- Added "Internal USB Port as exposed USB port" setup item.
- Fixed issue not showing Energy Star logo.
- Fixed issue where actual panel brightness would not change after adjust Screen Brightness item in BIOS Setup->Advanced->Flat Panel with eDP panel connect.
- Fixed issue where eDP option still lists in IGD Primary Video Port while no eDP Panel connect.
- Fixed issue where iSetupCfg did not generate full list of UQI values.

BIOS Version 0032 - PNWHL57v.0032.2019.1213.1529

About This Release:

- Date: Dec 13, 2019
- ROM Image Checksum:6d8f
- ME Firmware: 12.0.45.1509
- EC Firmware: 00.29.00
- EC2 Firmware: 0.14
- PD Firmware: 1.5.06
- Memory Reference Code: Based on 7.0.68.40
- MEBx Revision: 12.0.0.0010
- Integrated Graphics:
  - VBIOS: 9.2.1020
  - GOP: 9.0.1085
- AHCI Code: Based on AHCI_19
- LAN Option ROM: 0.5
- Visual BIOS: Intel AptioV

- Supported Flash Devices:
  Macronix MX25L25673 32MB

- Microcode Updates included in .BIN & .CAP Files:
  MD0806EB_000000B8.mcb
  M94806EC_000000CA.mcb

New Fixes/Features:

- Initial production BIOS release

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