



## BIOS Update Release Notes

**PRODUCTS: NUC11PAQ, NUC11PAH, NUC11PAK**

**BIOS Version 0040 - PATGL357.0040.2021.0414.1645**

### About This Release:

- Date: April 14, 2021
- ROM Image Checksum: 0xB724
- ME Firmware: 15.0.10.1477
- EC Firmware: 03.03.00
- PMC Firmware: B0 150.01.20.1028
- Memory Reference Code: Based on RC 0A.00.38.51
- Integrated Graphics:
  - UEFI Driver: 17.0.1052
- SATA RAID Option ROM: UEFI Driver : 18.0.5.5115
- AHCI Code: Based on AHCI\_24
- LAN Option ROM: 0.9.02
- Visual BIOS: Intel AptioV
- Supported Flash Devices:

MACRONIX	MX25L25673GM2I-08G	32MB
Winbond	W25R256JV	32MB
- Microcode Updates included in .BIN & .CAP Files:  
M80806C1\_00000072.pdb

### New Fixes/Features:

- Updated NTFS DXE driver when parsing NTFS file system partition.
- Fixed issue where fan speed was not changing compared to the CPU temperature which lead into a system shutdown due to overheating.
- Fixed issue with power button LED.
- Removed binary Retimer Firmware.

### Known Errata:

- Due to the Intel® ME firmware update in BIOS version 0040/0039, you can't downgrade to version 0037 or earlier.

**BIOS Version 0039 - PATGL357.0039.2021.0224.1510**

### About This Release:

- Date: February 24, 2021
- ROM Image Checksum: 0x0861
- ME Firmware: 15.0.10.1477
- EC Firmware: 03.03.00
- PMC Firmware: B0 150.01.20.1028
- Memory Reference Code: Based on RC 0A.00.38.51
- Integrated Graphics:
  - Option ROM: NA
  - UEFI Driver: 17.0.1052
- SATA RAID Option ROM: UEFI Driver : 18.0.5.5115

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

- AHCI Code: Based on AHCI\_24
- LAN Option ROM: 0.9.02
- Visual BIOS: Intel AptioV
- Supported Flash Devices:
 

MACRONIX	MX25L25673GM2I-08G	32MB
Winbond	W25R256JV	32MB
- Microcode Updates included in .BIN & .CAP Files:
 

M80806C1_00000072.pdb
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**New Fixes/Features:**

- Added support for Windows 10 20H2 (19042) release.
- Updated ME firmware version to 15.0.10.1447
- Added TBT retime firmware 2.17
- Fixed issue with WMI displaying wrong value.
- Fixed BIOS Setup issue.
- Updated RST VMD Driver version to 18.0.5.5115.

<b>BIOS Version 0037 - PATGL357.0037.2021.0106.1527</b>
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**About This Release:**

- Date: January 06, 2021
- ROM Image Checksum: 0xA9E1
- ME Firmware: 15.0.2.1377
- EC Firmware: 03.03.00
- PMC Firmware: B0 150.01.20.1024
- Memory Reference Code: Based on RC 0A.00.34.21
- Integrated Graphics:
  - UEFI Driver: 17.0.1041
- SATA RAID Option ROM:
  - UEFI Driver : 18.0.1.1138.2
- AHCI Code: Based on AHCI\_24
- LAN Option ROM: 0.8.10
- Visual BIOS: Intel AptioV
- Supported Flash Devices:
 

MACRONIX	MX25L25673GM2I-08G	32MB
Winbond	W25R256JV	32MB
- Microcode Updates included in .BIN & .CAP Files:
 

M80806C1_00000068.pdb
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**New Fixes/Features:**

- Optimized POST boot time.
- Removed "Display HDMI Port" question from BIOS Setup.
- Updated EC firmware to 03.03.00.
- Fixed issue with BIOS/CIR Remote Controller.
- Updated power settings for NUC11PA products.
- Added BIOS Self-Healing feature.
- Fixed fault tolerance issue.
- Fixed issue where F8 hotkey was not functioning on POST.
- Fixed ME firmware update issue.
- Fixed issue with auto ME RTC reset recovery.

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- Fixed issue with faulty "BIOS Recovery Complete" prompt information after BIOS Recovery.
- Fixed issue to avoid retimer firmware update when version is the same.
- Fixed issue with WMI LED.

<b>BIOS Version 0035 - PATGL357.0035.2020.1113.1353 Pilot</b>
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**About This Release:**

- Date: November 13, 2020
- ROM Image Checksum: 0x8B4C
- ME Firmware: 15.0.2.1377
- EC Firmware: 03.01.00
- PMC Firmware: B0 150.01.20.1024
- Memory Reference Code: Based on RC 0A.00.34.21
- Integrated Graphics:
  - Option ROM: NA
  - UEFI Driver: 17.0.1041
- SATA RAID Option ROM: UEFI Driver: 18.0.1.1138.2
- AHCI Code: Based on AHCI\_24
- LAN Option ROM: 0.8.10
- Visual BIOS: Intel AptioV
- Supported Flash Devices:
 

MACRONIX	MX25L25673GM2I-08G	32MB
Winbond	W25R256JV	32MB
- Microcode Updates included in .BIN & .CAP Files:
 

M80806C1_00000068.pdb
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**New Fixes/Features:**

- Initial production BIOS release

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