



BIOS Update Release Notes

PRODUCTS: NUC11PAQ, NUC11PAH, NUC11PAK

BIOS Version 0041 - PATGL357.0041.2021.0811.1505

About This Release:

- Date: August 11, 2021
- ROM Image Checksum: 0xCBFB8
- 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
- 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 Windows Management Instrumentation (WMI) to version 1.27
- Updated PCIe Card Reader BIOS Programming Guide V1.2
- Fixed *WD Blue SN550 SSD* causes BSOD after waking up from MDSB.

Known Errata:

- Please use jumper recovery to update ME settings.

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

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

- 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
- 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:

- 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.

BIOS Version 0037 - PATGL357.0037.2021.0106.1527

About This Release:

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

- 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

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.
- 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.

BIOS Version 0035 - PATGL357.0035.2020.1113.1353 Pilot

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

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

- Visual BIOS: Intel AptioV
- Supported Flash Devices:

MACRONIX	MX25L25673GM2I-08G	32MB
Winbond	W25R256JV	32MB
- Microcode Updates included in .BIN & .CAP Files:
M80806C1_00000068.pdb

New Fixes/Features:

- Initial production BIOS release

LEGAL INFORMATION

Information in this document is provided in connection with Intel Products and for the purpose of supporting Intel developed server/desktop boards and systems.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel Corporation may have patents or pending patent applications, trademarks, copyrights, or other intellectual property rights that relate to the presented subject matter. The furnishing of documents and other materials and information does not provide any license, express or implied, by estoppel or otherwise, to any such patents, trademarks, copyrights, or other intellectual property rights. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Intel is a trademark of Intel Corporation in the US and other countries.
Copyright (c) 2021 Intel Corporation.