



NUC BIOS Update Release Notes

Alder Lake-P Standard BIOS

PRODUCTS: NUC12WSxi3, NUC12WSxi5, NUC12WSxi7 (Wall Street Canyon)

WSADL357.0090.2023.0821.1714 Production BIOS

About This Release:

- Date: Aug 21, 2023
- ROM Image Checksum: 92D4506A
- **EC Firmware: WSTC51.00.00**
- **ME Firmware: 16.1.27.2176**
- PCH Configuration Firmware: 16.1.0.1014
- PMC Firmware: 160.01.00.1029
- iTBT Firmware: TBT_ADL_MP_ALL_19.1V1_Rel
- IOM Firmware: 24.0006.0.0
- Retimer Firmware in BIOS capsule: rev3_10
- NPHY Firmware: 14.530.508.8257
- **Platform Properties Assessment Module: 11.23r.4**
- CRB Label: 5.26_1AXFE_RC0C.00.69.74 (3253.00)_052
- **Boot Guard ACM: 1.18.15**
- BIOS Guard: 2.0.5021
- Silicon Initialization Code: 0C.00.69.74 (3253.00)
- Memory Reference Code: 0.0.4.60
- Integrated Graphics:
 - UEFI Driver: 21.0.1054
- Intel RST Pre-OS:
 - VMD UEFI Driver: 19.3.0.5671
- AHCI Code: Base on AHCI_30
- Visual BIOS: Intel AptioV
- Supported Flash Devices:
 - Macronix MX25L25673GZ4I-08G 32MB
 - GigaDevice GD25B256EYIGR 32MB
- Microcode Updates included in .BIN & .CAP Files:
 - M80906A2_00000315.pdb
 - **M80906A3_0000042C.pdb**

Feature Changes/Updates/Fixes:

Based on WS0089

1. Fixed: [AMI Changes][EIP 752097][WS0089] No Display issue when using dual monitors.
2. Fixed: [Intel/NUC-G][PEGA][WS] PD UCM WHQL Issue.
3. Fixed: [Intel/NUC-G][PEGA][WS] SUT always triggers Power Button Menu automatically when trigger it before -Issue found by ODM on WS0089.
4. **Updated: [AMI Change][EIP 754505][Intel/NUC-G][PEGA][WS0089] WST EC FW to 51.00.00. Formal EC release_Updated for WMI and Auto RTC reset.**
5. Updated: [AMI Change][EIP 755196][IPU][SA50184][WS0089] 2023.3 Intel Platform Update.
6. **Updated: [AMI Changes][WS0089] CPU Microcode to M80906A3_0000042C.**
7. **Updated: [AMI Changes][WS0089] ME FW to 16.1.27.2176.**

Known Errata:

1. **NOTE!! If current BIOS on WSADLV57 and WSADL357 is before 0034, this BIOS will fuse the board with the Intel Signing Key.**
2. **Blocked BIOS Flash/Recovery downgrade to WS0084 and previous if board has NEW MAX4210 power sensing IC.**
3. **Due to updated BIOS Guard feature, F4 BIOS Recovery will FAIL if recovering from a lower version BIOS.**

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