



## NUC BIOS Update Release Notes

**PRODUCTS:** NUC13ANHi, NUC13ANBi, NUC13ANKi (Arena Canyon)

**BIOS Version 0031 - ANRPL357.0031.2024.0207.1420**

### About This Release:

- ROM Image Checksum: 0x968A4413
- EC Firmware: 0A.16.00
- ME Firmware: 16.1.30.2307
- PCH Configuration Firmware: 16.1.0.1014
- PMC Firmware: 160.1.0.1030
- iTBT Firmware: TBT\_ADLRPL\_MUPHPX\_All\_19.1V1\_Rel\_ALL\_Prod\_PV1
- IOM Firmware: 24.0007.0.0
- Retimer Firmware in BIOS capsule:
  - INTEL\_NUC13AN\_0x3037\_ARENA\_CANYON\_NONVPRO\_BBR\_CDR\_A1\_ADL\_P\_LP4\_PORTS\_0\_1\_rev3\_10\_TI\_SEC3\_sign.bin
  - INTEL\_NUC13AN\_0x3038\_ARENA\_CANYON\_VPRO\_BBR\_CDR\_A1\_ADL\_P\_LP4\_PORTS\_0\_1\_rev3\_10\_TI\_SEC3\_sign.bin
- NPHY Firmware: RPLP\_NPHY\_REL\_PV\_14.530.509.8258
- I226 NVM:
  - FXVL\_125C\_V\_1MB\_2.17.bin
  - FXVL\_125B\_LM\_1MB\_2.17.bin
- CRB Label: 5.27\_1AYRT\_RCOC.00.93.20(3503.00)\_033
- Boot Guard ACM: v 1.18.16
- Bios Guard: BiosGuard\_039
- Silicon Initialization Code: 0C.00.93.20
- Memory Reference Code: 0.0.4.116
- Integrated Graphics GOP
  - UEFI Driver: 21.0.1061
- Intel RST Pre-OS:
  - VMD UEFI Driver: 19. 5.5.5727
- AHCI Code: AHCI\_31
- Supported Flash Devices:
  - WINBOND W25R256JVEIQ 32MB
  - MXIC MX77L25650FZ4I42 32MB
  - GIGADEVICE GD25R256EYIGR 32MB
- Microcode Updates included in .BIN & .CAP Files:
  - MCOB06A2\_00004121.pdb

### Security Patch:

1. Image Parser Corruption Vulnerability
2. 2023.4 Intel Platform Update
3. UsbRt TOCTOU Vulnerability
4. UsbSmmRt vulnerability
5. NetworkPkg EDK2

### Feature Change/Update:

1. Enable MyASUS support
2. New L10 SKU list for ASUS SKU
3. Update EC to version ARNOA1600
4. Update Intel KEK/DB keys to support MSFT CA 2023

**Issue Fix:**

1. The values of IsetupCfg password check setting cannot be kept when press save icon on upper right corner.
2. If use F7 update that not support BIOS revision .CAP file, the message have "Intel" link
3. When "USB S4/S5 Power" set to "Disabled", still can wake up from USB S5 power

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