



NUC BIOS Update Release Notes

PRODUCTS: NUC14RVBUx, NUC14RVSUx, NUC14RVKUx, NUC14RVBCx, NUC14RVHUx (Revel Canyon)

Version 0039 - RVMTL357.0039.2024.0308.1254

About This Release:

- ROM Image Checksum: 0x7361A4CE
- EC Firmware: 03.04.00
- ME Firmware: 18.0.5.2098
- PMC Firmware: 1800.15.00.1057
- iTBT Firmware: 18.0.10.1001
- IOM Firmware: 48.26.0.0000
- Retimer Firmware in BIOS capsule: 21.3
- SPHY Firmware: 18.1.1.7050
- NPHY Firmware: 18.1.0.7013
- Platform Properties Assessment Module: 11.23m.4
- CRB Label: 5.32_1AYLW_RC0D.00.97.10(3471.91)_021
- Boot Guard ACM: v1.19.20
- Bios Guard: BiosGuard_043
- Silicon Initialization Code: 0D.00.97.10(3471.91)
- Memory Reference Code: 1.2.8.16
- Integrated Graphics GOP
 - UEFI Driver: 22.0.1035
- Intel RST Pre-OS:
 - VMD UEFI Driver: 20.1.0.5751 PV
- AHCI Code: AHCI_34
- Microcode Updates included in .BIN & .CAP Files:
 - m_c6_a06a2_00000011.pdb
 - m_e6_a06a4_0000001C.pdb

Security Patch (Only for Production BIOS release):

- LogoFAIL Vulnerability

Feature Change/Update:

- Update the latest EC FW 3.4.0
- Update MTL CRB21
- MTL-H WW08 BKC update
- Remove the "and Optane Memory" string in the VMD item
- Change the FAN mode naming
- Hide the "IGD minimum memory" in BIOS setup menu
- Update signed retimer firmware 6.21.3(NonVpro)/6.22.1(Vpro)
- Hide the "Dynamic PL1 Support" item on Pro+ U7 and U5 SKU
- Custom mode adjust max duty to 100%
- Report BIOS Ambient 35°C/40°C setting to EC RAM 0x48F BIT4.
- Hide the "Wake from Thunderbolt Device" item in RV MTL
- Update the latest EC FW 3.3.0
- Update EC FW 3.2.0
- Update MTL CRB20
- Update MTL CRB19
- Update MTL CRB18
- Review fan mode synchronization algorithm.

Issue Fix:

-] Don't update the ME when do the jumper recovery on vPro SKU
- BIOS setup items "Performance" and "Cooling" are not gray out if "External Ambient Temperature Tolerance" is not select to "User defined"
- BIOS capsule update no display if only connect TBT monitor
- S0/MDSB Indicator Blinking Frequency item incorrect

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