



NUC BIOS Update Release Notes

PRODUCTS: NUC13SBBi5KF/i7KF/i9KF (Shrike Bay GT0), NUC13RNGi5KF/i7KF/i9KF (Raptor Canyon GT0)

Version 0063 – SBRPL790.0063.2024.1120.1337

About This Release:

- EC Firmware: SHBC450000
- ME Firmware: 16.1.32.2537
- PCH Configuration Firmware: 16.1.0.1014
- PMC Firmware: 160.02.00.1043
- Retimer Firmware in BIOS capsule: B0_rev37
- SPHY Firmware: 13.0.1.7085
- NPHY Firmware: 13.062.211.7255
- Boot Guard ACM: 1.18.12
- Bios Guard: 2.0.346
- Silicon Initialization Code: 0C.00.89.30(3342.00)
- Memory Reference Code: 0.0.4.73
- Integrated Graphics GOP
 - UEFI Driver: 17.0.1077
- Intel RST Pre-OS:
 - VMD UEFI Driver: 20.1.0.5751
- AHCI Code: Based on AHCI_31
- Microcode Updates included in .BIN & .CAP Files:
 - M02B0670_0000000E.pdb
 - M32B0671_0000012B.pdb

Security Patch:

- Apply Intel Platform Update (2024.3/2024.4/2025.1).

Feature Change/Update:

- None

Issue Fix:

- Fix the system can't trigger the WDT.
- Fix abnormal information of Active Performance Core.
- Enhance USB3.2 GEN2X2 read/write speed.
- Fix Intel Optane Memory H20 failure after BIOS updating.
- Improve stability from IPU 2024.1 update.
- Fix abnormal message screen of secure boot after re-plugging TYPE-C/DP/HDMI
- Fix abnormal black screen during POST process after setting the Hard Disk pre-delay.

Known Errata:

- SA50216 security patch implementation caused WU update fail on SB0059 to SB0060. The solution was implemented into SB0060, and will work on SB0061.
- For machines with lock, please use sign BIOS to update sign BIOS, DBIOS without sign can only be used on machines without lock.
- Starting from this version, BIOS cannot be downgrade to versions below SB0050.

LEGAL INFORMATION

Information in this document is provided in connection with ASUS Products and for the purpose of supporting ASUS 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 ASUS's Terms and Conditions of Sale for such products, ASUS assumes no liability whatsoever, and ASUS disclaims any express or implied warranty, relating to sale and/or use of ASUS products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. ASUSTeK Computer Inc. 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. ASUS products are not intended for use in medical, life saving, or life sustaining applications. ASUS may make changes to specifications and product descriptions at any time, without notice.

ASUS and the ASUS logo are trademarks of ASUSTeK Computer Incorporated.
Copyright © 2024, ASUSTeK Computer Inc. All rights reserved.