



## BIOS Update Release Notes

**PRODUCTS: NUC5i3RYH, NUC5i3RYK, NUC5i5RYH, NUC5i5RYK,  
NUC5i7RYH (Standard BIOS)**

**BIOS Version 0247 - RYBDWi35.86A.0247.2015.0415.1351**

### About This Release:

- Date: April 15, 2015
- ME Firmware: 10.0.38.1000
- Integrated Graphics
  - Option ROM: Build 1038\_150303
  - UEFI Driver: 5.5. 1032\_150303
- LAN
  - Option ROM: v1553 PXE 2.1 Build 092
- SATA RAID Option ROM: v13.5.0.1056
- Visual Bios: 2.2.16 Production Candidate Build

### New Fixes/Features:

- Added BIOS options on the Secondary Power Settings page to enable or disable Wake from S3 via CIR and Wake from S4 and S5 via CIR.
- Added BIOS option on the Legacy Device Config page to select the CIR Remote Controller Type.
- Fixed issue where CIR remote fails in OpenELEC\*.
- Fixed issue where SMBIOS System Manufacturer and System Model do not appear correctly in MSINFO32 and other applications.
- Updated help string of USB charging port: *Charging Only: USB Port will always provide extra power but cannot be used to transfer data with USB 2.0 device.*

**BIOS Version 0246 - RYBDWi35.86A.0246.2015.0309.1355**

### About This Release:

- Date: March 9, 2015
- ME Firmware: 10.0.38.1000
- Integrated Graphics
  - Option ROM: Build 1038\_150303
  - UEFI Driver: 5.5. 1032\_150303
- LAN
  - Option ROM: v1553 PXE 2.1 Build 092
- SATA RAID Option ROM: v13.5.0.1056
- Visual Bios: 2.2.16

### New Fixes/Features:

- Added performance settings for NUC5i7RYH SKU.
- Updated Intel® ME firmware to version 10.0.38.1000.
- Updated GOP to version 1032 and vBIOS to version 1038.
- Updated processor support.
- Added xHCI Mode setting to USB Configuration page in BIOS.
- Fixed issue with iSCSI IPV6.

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

- Fixed issue where loading default values fails.
- Fixed WHCK TPM issues:
  - BitLocker Tpm+PIN+ USB and Recovery Password tests for NON ARM devices
  - TPM 2.0 - Supplemental test
  - TPM 2.0 UEFI Preboot Interface Test
  - TPM Platform Crypto Provider Key Storage Provider Test
- Added support for M.2 PCIe NVMe storage boot.
- Updated Intel® Visual BIOS to version 2.2.16. Fixes include:
  - Fixed issue in Download Drivers feature where certain drivers were not visible if multiple attachments exist in the same record.
  - Fixed issue in Download Drivers feature where incorrect drivers would display if product was not found in database.
  - Fixed issue in Performance page that prevented additional workspaces from showing up (i.e. Memory Timings, etc.)
- Added support for F5 Windows Recovery feature.
- Fixed issue where system hangs at POST code 19 after Intel Platform Trust Technology is enabled.
- Fixed issue where VT-d is missing from BIOS.
- Modified NFC behavior: When NFC is enabled in BIOS, GPIO Lockdown is disabled and greyed out.
- Fixed issue with Fixed Disk Boot Sector.
- Modified the options for the IGD Aperture size setting.
- Added WLAN and Bluetooth settings to the Onboard Devices page in BIOS.
- Fixed issue where BIOS password prompts are not suppressed in Config Mode.

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| <b>BIOS Version 0137 - RYBDWi35.86A.0137.2015.0107.1700</b> |
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**About This Release:**

- Date: January 7, 2015
- ME Firmware: 10.0.30.1072
- Integrated Graphics
  - Option ROM: Build 1035\_1103
  - UEFI Driver: 5.5.1031\_1103
- LAN
  - Option ROM: v1553 PXE 2.1 Build 092
- SATA RAID Option ROM: v13.5.0.1056
- Visual Bios: 2.2.14 Production Candidate Build

**New Fixes/Features:**

- Fixed issue where customized power setting options are missing.
- Fixed issue where ICC Max is hidden if any pre-defined power settings are enabled.
- Fixed issue where BIOS password prompts are not suppressed in Config Mode.
- Fixed issue where VCUST and Intel® Integrator Toolkit cannot access the Near Field Communication BIOS option.
- Added onboard WiFi and Bluetooth\* setup items in BIOS Setup.
- Updated BIOS to hide Power page items if Low Power, Balanced Power, or Max Performance is enabled.
- Updated processor support.
- Fixed issue where an error on NFC device shows in Device Manager.
- Fixed issue where Onboard LAN as the first boot device will fail.

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- Updated Visual BIOS to version 2.2.14. Fixes include:
  - Fixed touch monitors not working correctly when display adapter supports greater than 1024x768 resolution.
  - Fixed AMT USB-R issue where absolute mouse position would not scale correctly in Visual BIOS.
- Added "Power Sense" item.

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| <b>BIOS Version 0132 - RYBDWi35.86A.0132.2014.1217.1148</b> |
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**About This Release:**

- Date: December 17, 2014
- ME Firmware: 10.0.30.1072
- Integrated Graphics
  - Option ROM: Build 1032\_1006
  - UEFI Driver: 5.5.1028\_1006
- LAN
  - Option ROM: v1553 PXE 2.1 Build 092
- SATA RAID Option ROM: v13.5.0.1056
- Visual Bios: 2.2.13

**New Fixes/Features:**

- Set SIO GPIO 76 output Low.
- Fixed issue where it takes too long to begin a flash update.
- Fixed issue where system shuts down when LAN is disabled in BIOS.
- Added GPIO lockdown item in BIOS.

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| <b>BIOS Version 0130 - RYBDWi35.86A.0130.2014.1203.1639</b> |
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**About This Release:**

- Date: December 3, 2014
- ME Firmware: 10.0.30.1072
- Integrated Graphics
  - Option ROM: Build 1032\_1006
  - UEFI Driver: 5.5.1028\_1006
- LAN
  - Option ROM: v1553 PXE 2.1 Build 092
- SATA RAID Option ROM: v13.5.0.1056
- Visual Bios: 2.2.13

**New Fixes/Features:**

- Initial production BIOS release

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