

How to Update the BIOS on the Stone NT310 Laptop

Security Advisory: In May 2017, Intel released details regarding a [critical security issue](#) present in some Intel business chipsets.

The product referenced on this page is impacted by this security issue. Due to the age of the product, a BIOS patch or Management Engine update may not yet be available. Please follow the mitigating actions highlighted [here](#).

How to Update the BIOS on the NT310 Laptop

BIOS Updates are available for the Stone NT310 laptop which add support for Windows 8.1.

Note: Please only update the BIOS if necessary. The BIOS should not be updated unless you are experiencing a specific issue which requires an update. **This BIOS update is designed to be used by Administrators.** Contact Stone Support for further advice.

What you need to Perform the Update

- Prepare a [Windows 98SE DOS Bootable pen drive](#)
- Download the the BIOS file that you need depending on which version of Windows you are running:

Windows 8 / 8.1:

- [Windows 8/8.1 BIOS, ME and EC Package](#)
- [Beta Windows 8/8.1 BIOS, ME and EC Package with the Critical Battery Warning Beeps Disabled](#)

Windows 7:

- [Windows 7 BIOS, ME and EC Package](#)
- [Beta Windows 7 BIOS, ME and EC Package with the Critical Battery Warning Beeps Disabled](#)

Steps

- Extract the downloaded file to the pen drive.
- Ensure that the system to be updated is connected to the AC mains and also has a battery level of at least 20%.
- Boot the system to be updated from the pen drive.
- Run **ECFLASH** to update the EC Firmware.
- Then shut the system down if it doesn't turn off automatically.
- Boot the system up again and start it again from the pen drive.
- Run **MESET**.
- The system should reboot. If it does not, reset the system.
- Boot the system from the pen drive for a third time.
- Run the **FLASHME** batch file to flash the main BIOS.

Note 1: Do not attempt to use this BIOS update procedure inside a "DOS" box or command prompt inside another operating system. Always run all parts of the update from a pure DOS boot.

Note 2: Always ensure that the laptop is connected to the mains and that the battery has at least 20% charge before attempting to perform the flash.

As of 11/3/2014, when you have updated the BIOS you will have these new code versions installed:

- BIOS 1.03.02 TRO
- KBC/EC 1.03.01 (or 1.03.01ST with the Critical Battery Warning Disabled)

Applies to:

- Stone NT310 Laptop - NOTCHA-256, NOTCHA-257, NOTCHA-261 and NOTCHA-262.

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