

[How To] BIOS, EC update and EC reset

This documents applies to all MSI notebook & Vortex Product.

If your system become unstable or encounter any unexpected problem, updating the latest BIOS, EC, reset the EC or perform a clean installation with the device driver/software may help with the problem.

Please refer to the instructions below for BIOS, EC update and EC reset.

- Download the latest BIOS and EC firmware from [MSI website](#) and refer to the update guide below to perform the update.
 - *BIOS Update Guide:*
https://www.msi.com/files/pdf/How_to_update_bios_en.pdf
 - *EC Update Guide:*
https://www.msi.com/files/pdf/How_to_update_ec_en.pdf

- EC Reset Steps
 1. Power off the notebook.
 2. Remove the AC adapter.
 - 3-1. If the battery pack is not removable, insert the straighten paper clip to the EC reset hole located at the back/right side of the notebook for 30 sec.
P.S. If you can't find the EC reset hole (e. g. GT80), long press power button for 30 sec till the system is shutting down once again.
 - 3-2. If the battery pack is removable, remove the battery pack. Wait for 10 to 15 minutes, then put the battery pack back.

Note: To confirm whether the EC reset is complete, press the power button and make sure that the system will not power on; if the system boots up after pressing the power button, return to step 3 and do the EC reset again.

4. Connect the AC adapter.
5. Power on the system.