

## How to flash MSI Notebook EC under DOS mode



### Special Note:

The EC files provided here are exclusively for MSI products. MSI takes no responsibility for any damage caused by improper use or lack of technical expertise.



### Attention:

Users who download EC from here should use the flash utility included in the downloaded compressed file when doing the EC update. To avoid EC update failure, please do not use older versions of the update utility or utilities not provided by MSI.

### ➤ Requirements:



EC updates need to be run from a bootable floppy disk. An external USB Floppy Drive is required.



In alternative to the floppy one, it is possible to use a bootable USB flash drive (Pen drive) to update EC as well.

➤ **Update EC with floppy disk:**

1. Extract the zip file containing the EC file and flash utility to a bootable floppy disk.
2. Insert the bootable floppy disk in the external USB floppy disk drive.
3. Boot up the notebook from USB floppy disk drive.



**Make sure the AC adapter is firmly connected to your notebook before you run this utility.**

4. Execute the batch file **ECAII.BAT** and press **<Enter>** key at DOS prompt A:\>.

```
A:\>dir

Volume in drive A is SKY
Volume Serial Number is A26C-593A
Directory of A:\

1421EMS1 408      39,779  07-14-08  11:41
ECALL    BAT          41      07-14-08  11:41
ENEFLASH EXE     48,554  01-15-07  16:42
          3 file(s)      88,374 bytes
          0 dir(s)    64,769,024 bytes free

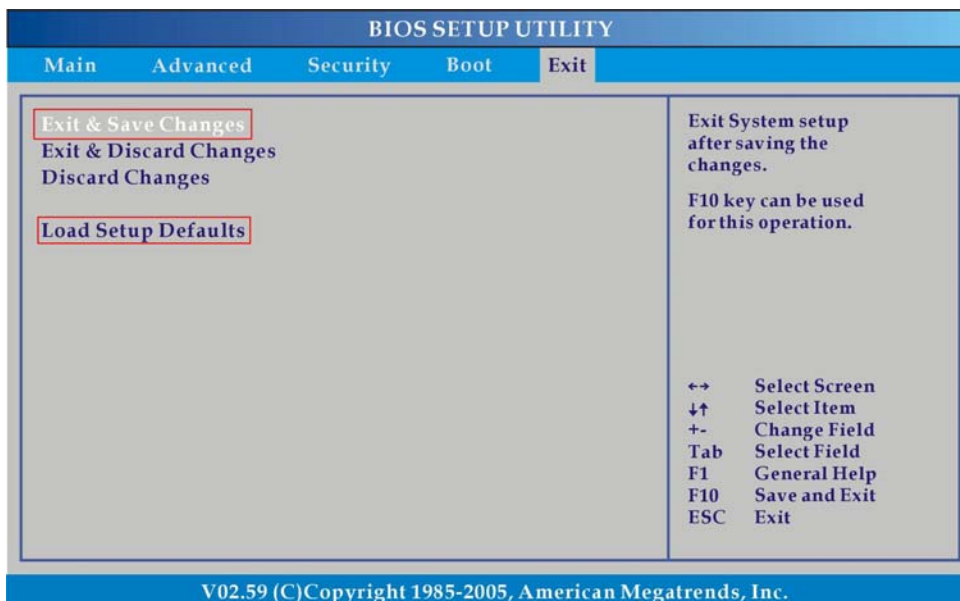
A:\>ecall.bat_
```

5. Wait for a couple of seconds to complete the EC update procedure.



**DO NOT power off the notebook during this EC update process.**

6. Power off the notebook after the EC update procedure is completed.
7. Remove battery pack and AC adapter.
8. Plug in battery pack or AC adapter.
9. Power on the notebook and press **<Del>** key to enter the BIOS setup menu.
10. Select **[Load Setup Defaults]** and press **<Enter>** key to load BIOS default settings.
11. Select **[Exit & Save Changes]** and press **<Enter>** key to save changes and exit.



➤ **Update EC with USB flash drive (Pen drive):**

1. Extract the zip file containing the EC file and flash utility to a bootable USB flash drive.
2. Boot up the notebook from USB flash drive.



**Make sure the AC adapter is firmly connected to your notebook before you run this utility.**

3. Execute the batch file **ECAII.BAT** and press **<Enter>** key at DOS prompt A:\>.

```
A:\>dir
Volume in drive A is SKY
Volume Serial Number is A26C-593A
Directory of A:\

1421EMS1  408          39,779   07-14-08  11:41
ECALL     BAT           41       07-14-08  11:41
ENEFLASH  EXE          48,554   01-15-07  16:42
          3 file(s)    88,374 bytes
          0 dir(s)   64,769,024 bytes free

A:\>ecall.bat_
```

4. Wait for a couple of seconds to complete the EC update procedure.



**DO NOT power off the notebook during this BIOS update process.**

5. Power off the notebook after the EC update procedure is completed.
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