
BIOS Flashing User Instructions

When your motherboard needs to be upgraded with new features or there are some compatibility problems in the BIOS that need to be fixed, you will need this BIOS flash utility. Award Software had made this utility to be easily flashed by you. However, please read all the information in this section before flashing.

Before you can flash the BIOS you need to go into the *pure DOS environment* by rebooting your system and going directly into DOS. Basically, there are two ways to flash your BIOS. One is to directly type the full line commands that are described in this section. The utility will then flash your BIOS. When you finish the flash operation, you will see the screen as in Figure 2 ^{Note L-1}.

The other method is to just type *awdf flash* (under Award flash BIOS utility directory) then press <Enter>. The Flash Memory Writer V7.97D screen will appear. Please refer to Figure 1 ^{Note L-1}. You need to type “NEWBIOS” (the file name or you can use another name if you choose) into the “File Name to Program”, then press enter.

When you have finished updating your BIOS, you will see the screen as in Figure 2. You then need to press the *F1* key to reset the system, or press the *F10* key to exit the writer.

Figure 3 shows you what commands you can use for the flashing program. You need to go into the pure DOS environment and type *awdf flash*. Figure 3 will then appear.

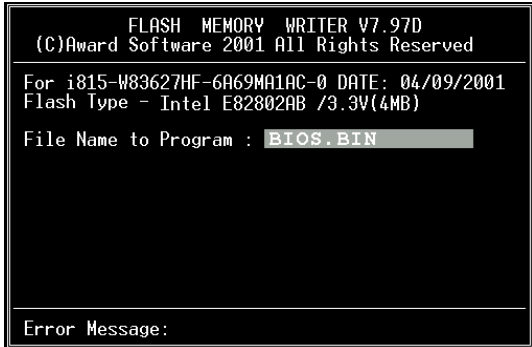


Figure 1. Award Flash Memory Writer V7.97D Start Screen.



Figure 2. Award Flash Memory Writer V7.97D Complete Screen.



Figure 3. Award Flash Memory Writer V7.97D Flash Commands Screen.

Note 1: *The BIOS file name in the figure shown is only an example. You should check which .bin file is to be used with your motherboard. Don't flash with the wrong .bin file otherwise you may cause system malfunctions. Even the same model BIOS, according to their release dates and which problems have been fixed, have different .bin names. Please read the BIOS file description before you download it.*

For example, if you want to update the BIOS, please follow the procedures described below.

- Step 1.** Please visit our website (www.abit.com.tw) to download the latest BIOS file – “BIOS.BIN” for example.
- Step 2.** Create a bootable floppy without any resident programs, and then copy the files “AWDFLASH” and “BIOS.BIN” to the floppy.
- Step 3.** Reboot your computer and enter the BIOS setup. Set your system to boot from “**Floppy**” and then insert the floppy you created into drive A.
- Step 4.** After you boot from floppy successfully, execute the following command at the “A:\>” prompt:

AWDFLASH BIOS.BIN /py /sn /cd /cp /cc (Enter)

The BIOS will be updated automatically with all parameters.

- Step 5.** After the flash update is completed, reboot your system, and then go into the BIOS setup to configure the CPU parameter and other peripheral settings.

Note 2: *The Award flash utility can not be completed under a Windows[®] 95/98 or Windows NT environment, you must be in a pure DOS environment. You should check which BIOS file is to be used with your motherboard, don't flash with the wrong BIOS file. Otherwise, you may cause system malfunctions.*

Note 3: *Please do not use the Award flash memory writer version earlier than Version 7.97D to flash your motherboard BIOS. Otherwise, it may cause flash fail or un-anticipated problems.*
