

How to flash AMI BIOS on FWA-6480 series?

1. FWA-6480 doesn't have a FDD. Kindly use bootable USB flash to boot up FWA-6480 in DOS.

1. Create a bootable MS-DOS storage disk first. Since FWA-6480 has not FDD interface, it is recommended to have USB stick drive for it.
2. Put the AFUDOS.exe utility (V4.12) in this disk.

```
C:\AFDOS>dir/w

Volume in drive C has no label
Volume Serial Number is A259-EC4C
Directory of C:\AFDOS

[.]                [..]                6400V140.ROM    AFUDOS.EXE
      2 file(s)         1,162,640 bytes
      2 dir(s)          7,619.14 MB free
```

3. Boot your FWA-6480 system from the disk.
4. Execute “afudos **6400V140.rom** /p /b /n /c /x” (6400V140.rom is the BIOS filename for example).

```
C:\AFDOS>afudos 6400v140.rom /p /b /n /c /x
```

5. During the flashing process, please be careful! Do NOT turn off the system or press [Ctrl+Alt+Del] keys!

```
C:\AFDOS>afudos 6400v140.rom /p /b /n /c /x

AMI Firmware Update Utility Ver.4.12
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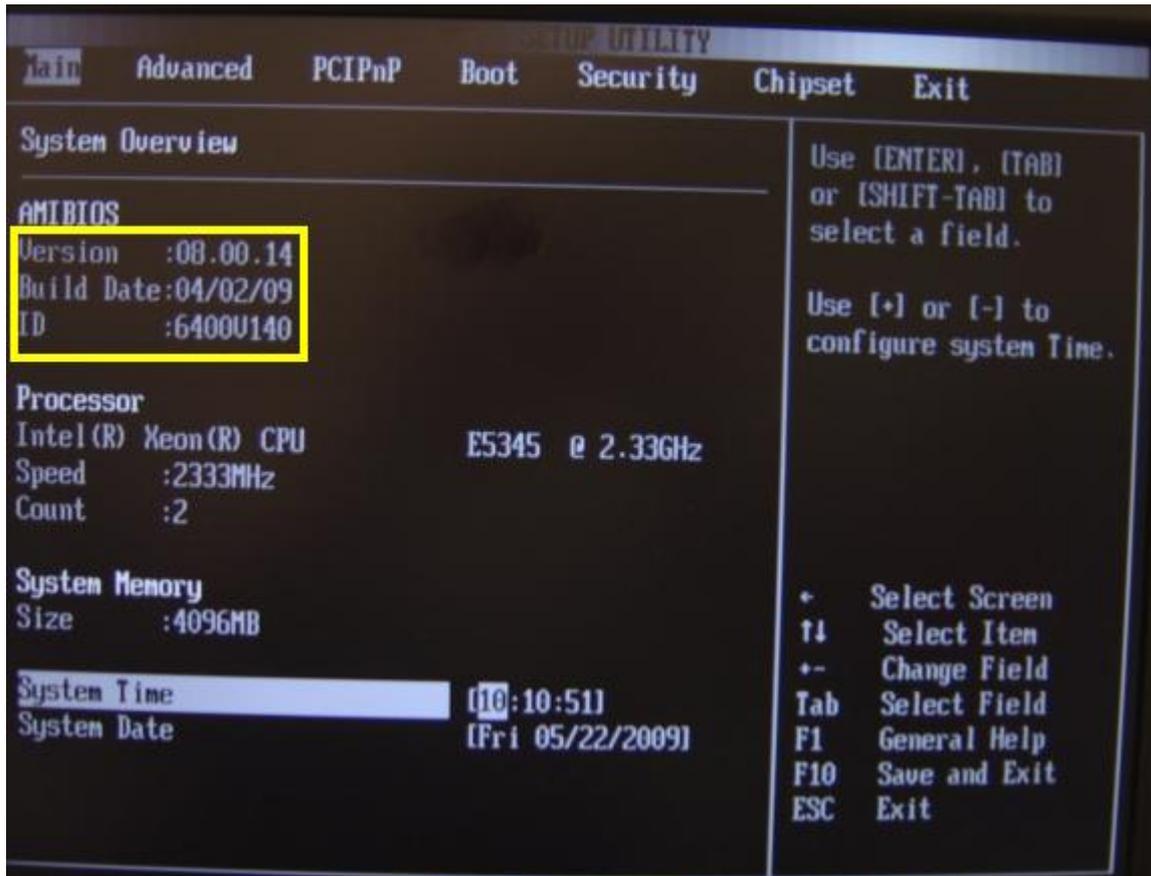
- Bootblock checksum .... ok
- Module checksums ..... ok
- Erasing flash ..... done
- Writing flash ..... done
- Verifying flash ..... done
- Erasing NVRAM ..... done
- Writing NVRAM ..... done
- Verifying NVRAM ..... done
- Erasing Bootblock .... done
- Writing Bootblock .... done
- Verifying Bootblock ... done
- CMOS checksum destroyed
- Program ended normally.

C:\AFDOS>
```

6. After seeing “Program ended normally” string on the screen, the AMI BIOS supposedly has been updated

except CMOS data stored in chipset registers.

7. Reset your system and go to CMOS setting by pressing [Del] key during BIOS boot-up. Check the BIOS version and ID to confirm.



8. Load BIOS default in CMOS setting display, or do clear-CMOS action based on startup manual instruction. This will force chipset to get the default CMOS setting data from new BIOS but erase original one.
9. Save the CMOS settings based on real application, and reboot the system.

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