

Flash BIOS SOP(AMI BIOS)

Document: **SOP**

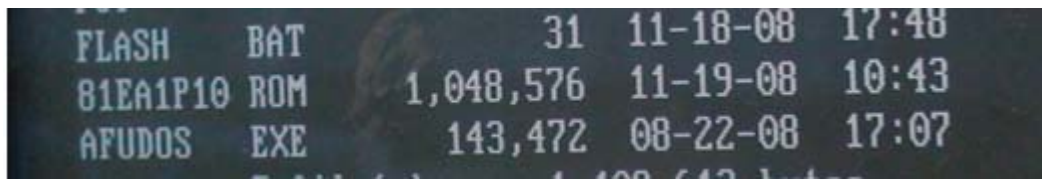
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| | APPROVED | CHECKED | PREPARED |
|------|------------|------------|------------|
| BY | Sean Chang | Allen Chen | Iris Zou |
| DATE | 11/28/2008 | 11/28/2008 | 11/28/2008 |

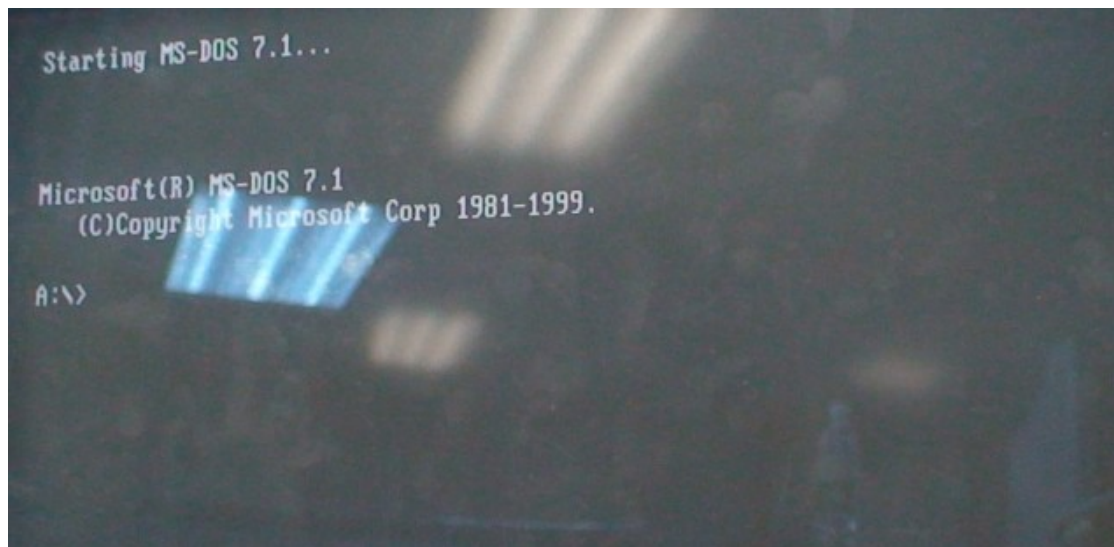
Flash BIOS SOP for DOS

1. Make a DOS bootable DISK and copy AFUDOS.EXE and target BIOS bin file and Flash.bat into that DISK



```
FLASH  BAT           31  11-18-08  17:48
81EA1P10 ROM      1,048,576  11-19-08  10:43
AFUDOS  EXE       143,472  08-22-08  17:07
```

2. Boot to DOS

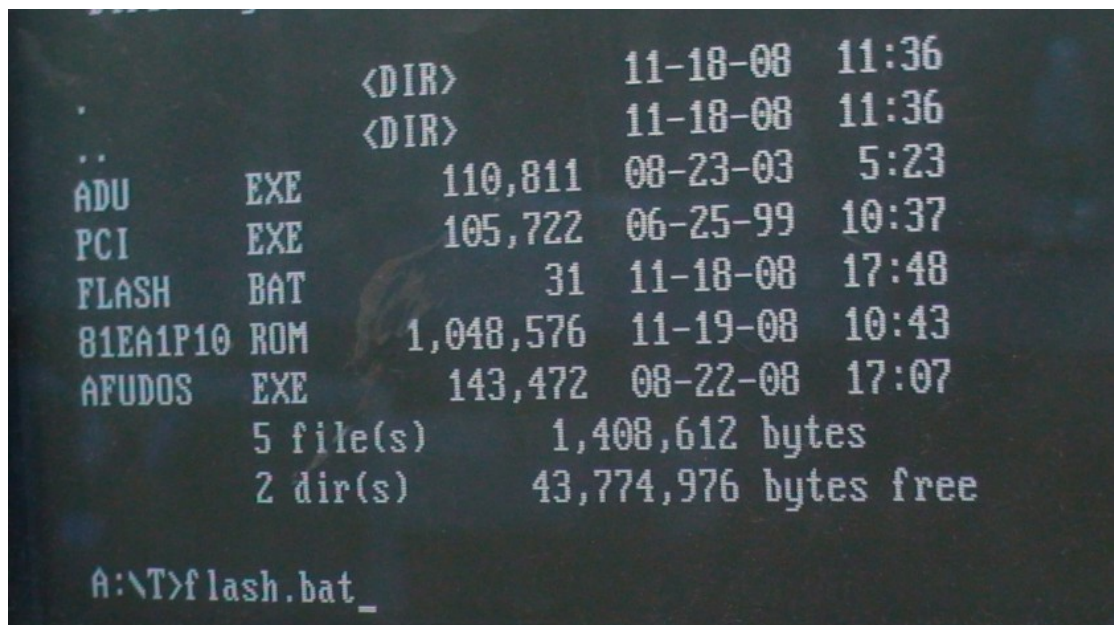


```
Starting MS-DOS 7.1...

Microsoft(R) MS-DOS 7.1
(C)Copyright Microsoft Corp 1981-1999.

A:\>
```

3. run flash.bat in DOS



```
      <DIR>           11-18-08  11:36
      <DIR>           11-18-08  11:36
..
ADU      EXE       110,811  08-23-03   5:23
PCI      EXE       105,722  06-25-99  10:37
FLASH    BAT         31  11-18-08  17:48
81EA1P10 ROM      1,048,576  11-19-08  10:43
AFUDOS    EXE       143,472  08-22-08  17:07
      5 file(s)       1,408,612 bytes
      2 dir(s)       43,774,976 bytes free

A:\T>flash.bat_
```

```
A:\T>flash.bat

A:\T>afudos 81EA1P10.ROM /P /B /C /X

+-----+
|               AMI Firmware Update Utility  v4.26               |
|   Copyright (C)2008 American Megatrends Inc. All Rights Reserved.   |
+-----+

- Bootblock checksum .... ok
- Module checksums ..... ok
- NVIDIA HDCP   : Rom Hole 2  Protected!
  NVIDIA NUMM   : Rom Hole 1  Programed!
- Erasing flash ..... 0x00030000 (18%)
```

4,After finish flashing BIOS ,reboot, OK

```
A:\T>flash.bat

A:\T>afudos 81EA1P10.ROM /P /B /C /X

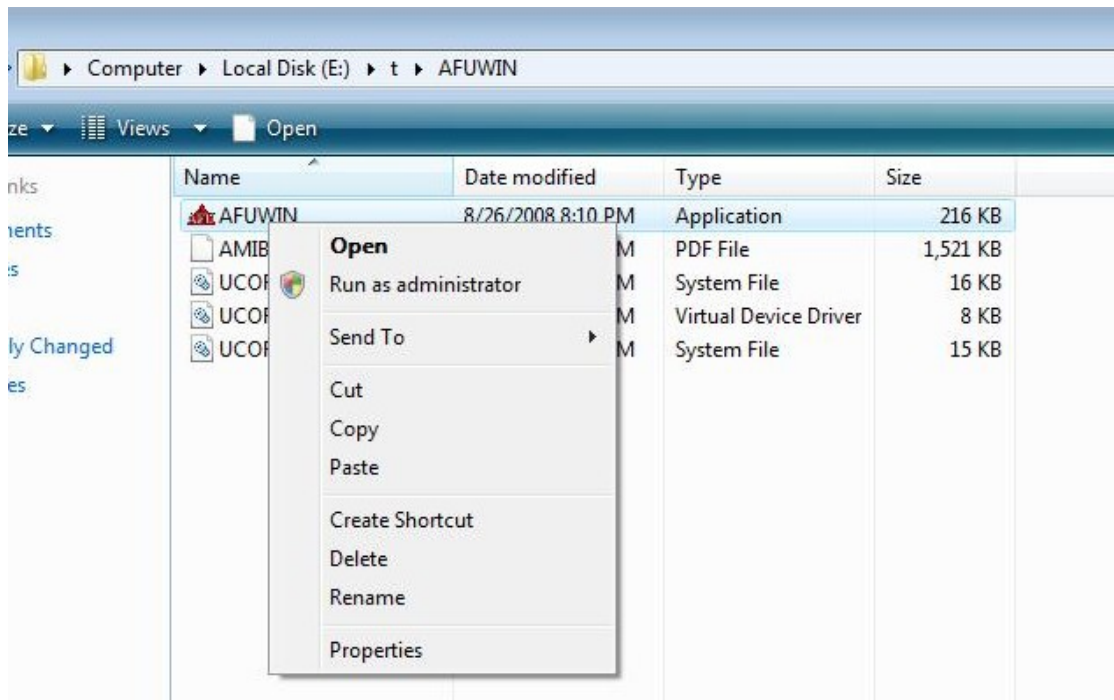
+-----+
|               AMI Firmware Update Utility  v4.26               |
|   Copyright (C)2008 American Megatrends Inc. All Rights Reserved.   |
+-----+

- Bootblock checksum .... ok
- Module checksums ..... ok
- NVIDIA HDCP   : Rom Hole 2  Protected!
  NVIDIA NUMM   : Rom Hole 1  Programed!
- Erasing flash ..... done
- Writing flash ..... done
- Verifying flash ..... done
- Erasing Bootblock ..... done
- Writing Bootblock ..... done
- Verifying Bootblock ... done
- CMOS checksum destroyed
- Program ended normally.

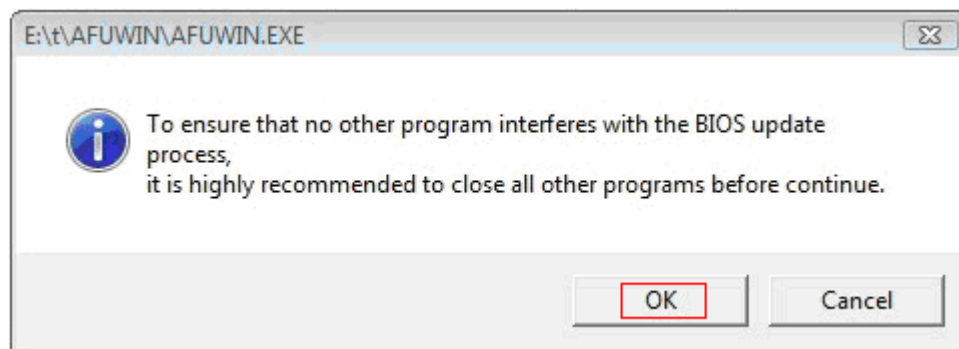
A:\T>_
```

Flash BIOS SOP for Windows

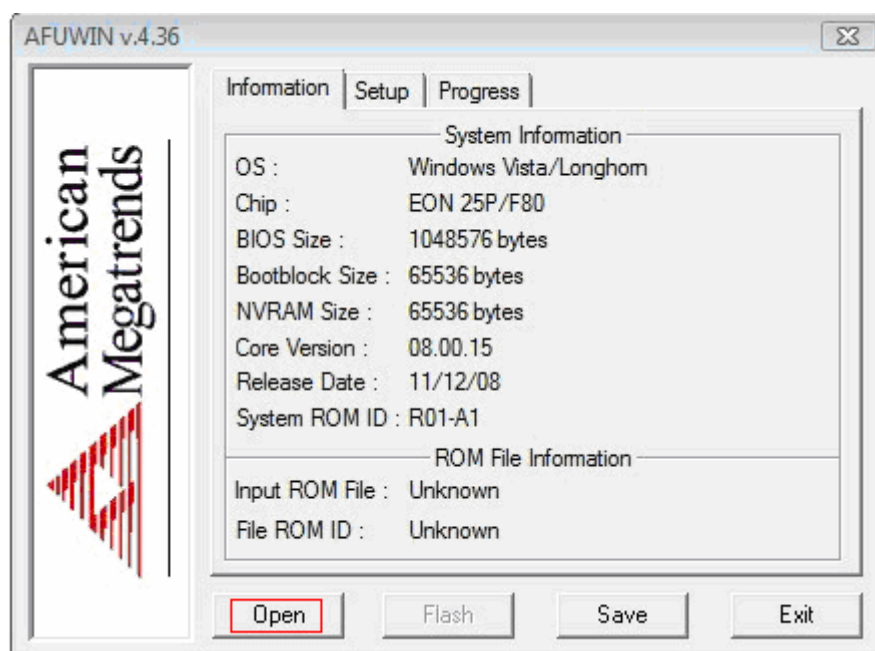
1. Run AFUWIN.EXE under Windows as administrator.



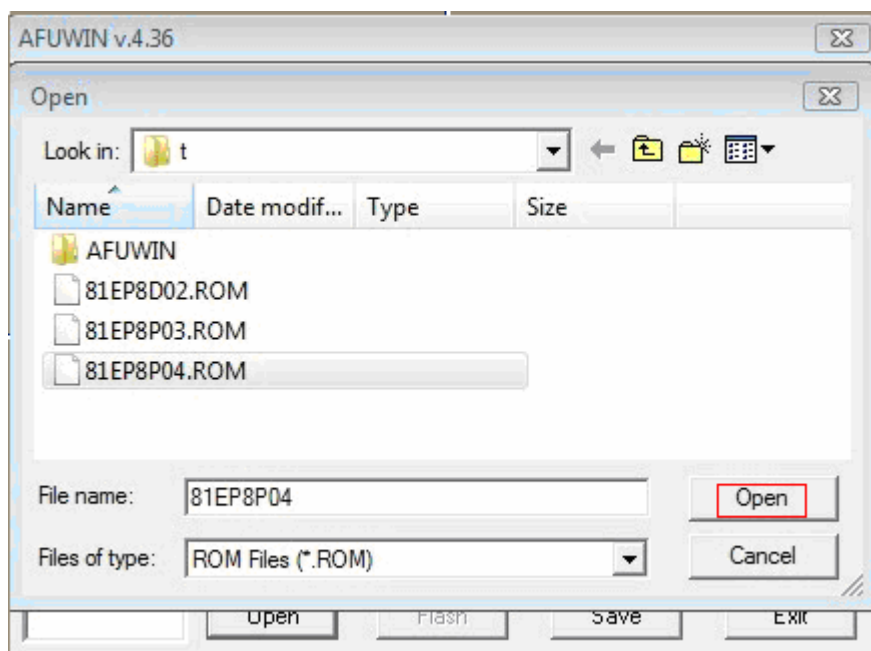
2. Click "OK"



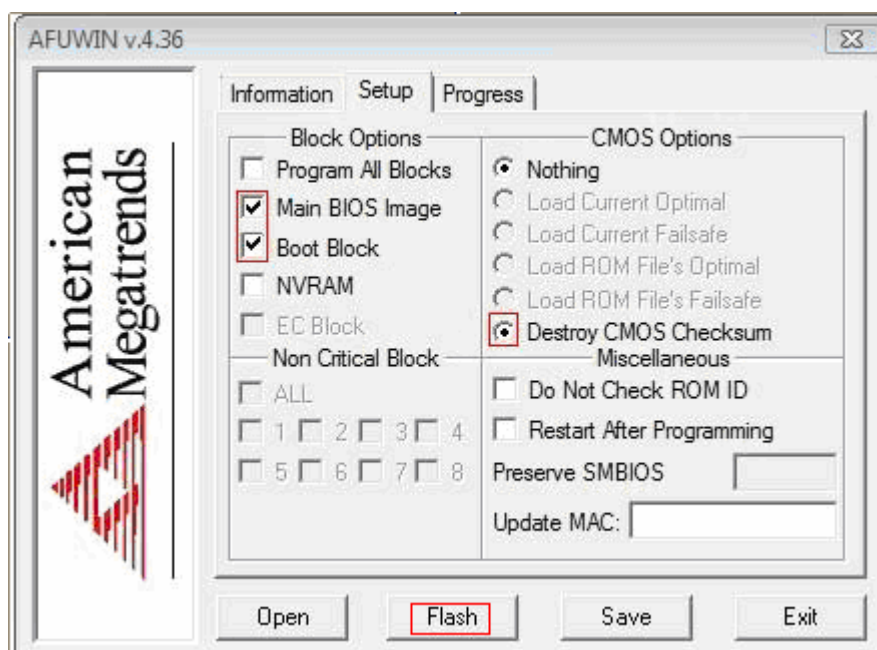
3. Click "Open"



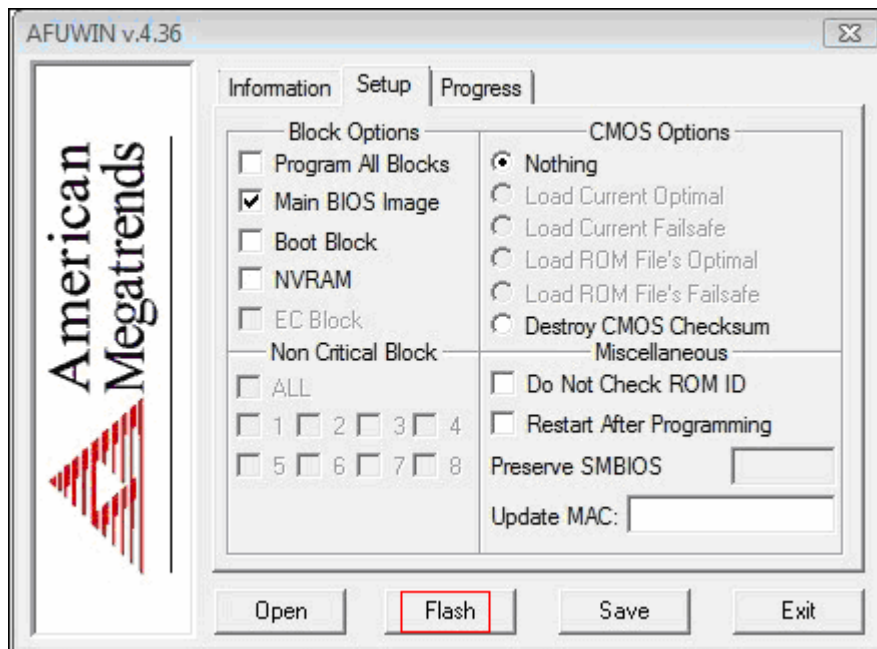
4. Choose BIOS bin file and click “Open”



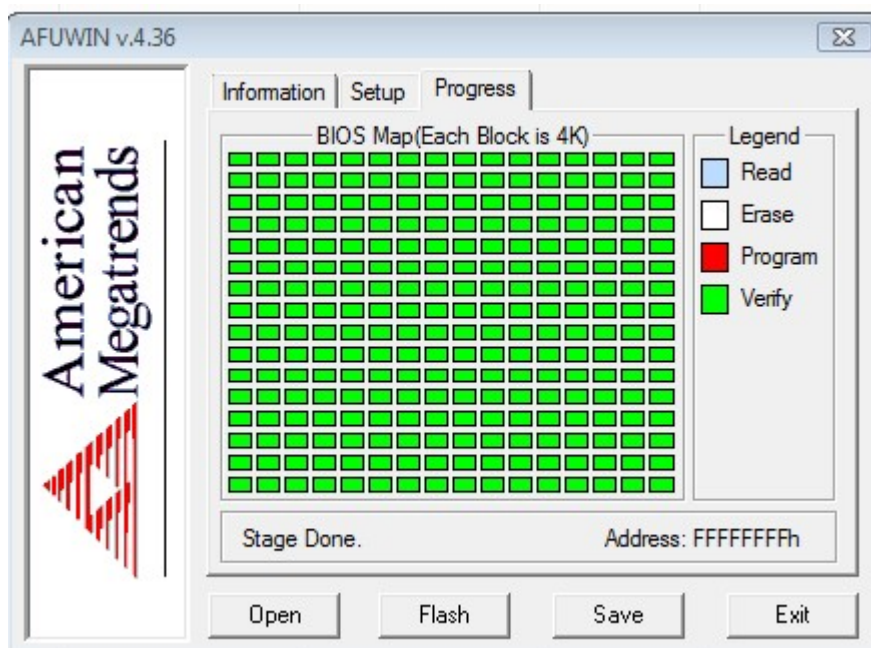
5. Choose flashing setting as **your need**(ex:Boot Block,NVRAM,...),if you don't flash Boot Block,NVRAM..., please skip step 5,run step 6.(We do not recommend to select NVRAM for normal BIOS flashing) and click “Flash”



6.Click “Flash”.



7. Finish flashing BIOS. Restart OS.



Note: When flashing BIOS after windows, remember not to execute any program.