**Z100-0db Bios upgrade steps**

**Flash Bios under Windows**

1. Declaration

**AD0J0151 or AD0J0161 cannot be directly updated to AD0J0181 or AD0J0.191 in UEFI. It must be updated to AD0J0.171 first.Please upgrade under windows OS if the current Bios ≥ AD0J171. If you have trouble and must flash the bios in UEFI,please reference: “**[**Flash Bios under UEFI**](#UEFI)**” and contact support team by email** [**“support@minix.com.hk”**](mailto:“support@minix.com.hk”) **to get flash files.**

|  |  |
| --- | --- |
| ***History version*** | ***Download Path*** |
| *AD0J0171* | [***https://mega.nz/file/fvRkSIgJ#riNMb\_bjsuTePo\_l0Co1aWsCLTZTVAbNAw1j3vQC5WQ***](https://mega.nz/file/fvRkSIgJ#riNMb_bjsuTePo_l0Co1aWsCLTZTVAbNAw1j3vQC5WQ) |
| *AD0J0181* | [***https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0181.6860/***](https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0181.6860/) |
| *AD0J0191* | [***https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0191.7044/***](https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0191.7044/) |
| *AD0J0201* | [***https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0201.7233/***](https://theminixforum.com/index.php?threads/neo-z100-0db-official-bios-ad0j0201.7233/) |

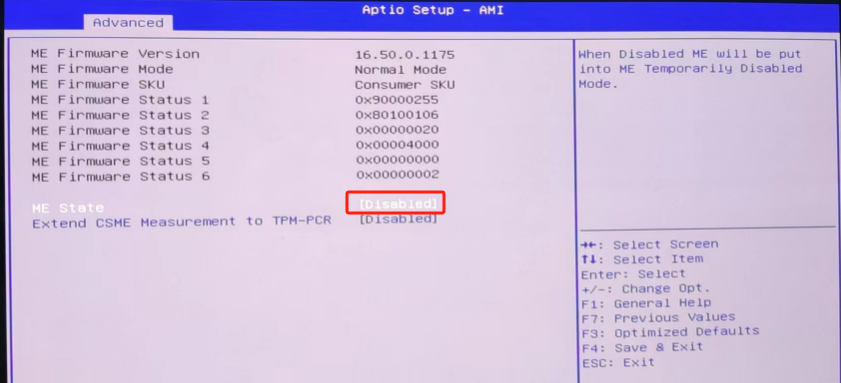
1. Preparation

A USB sticker > 2GB

1. Disable the ME State

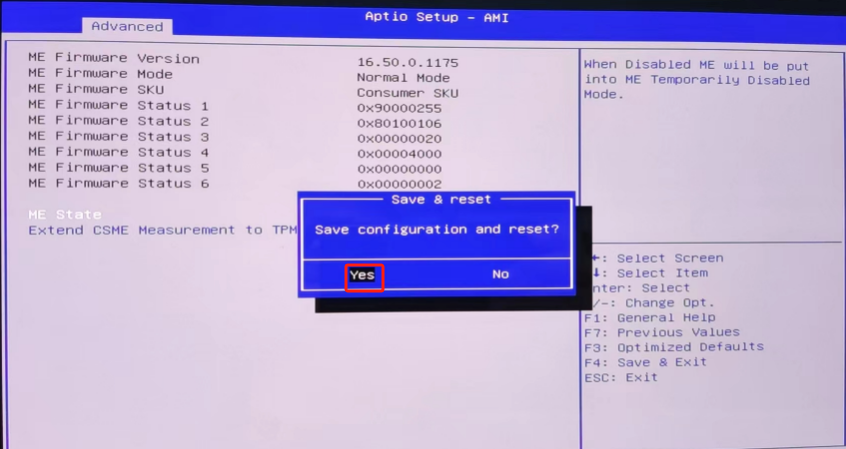
Pressing “delete” key of keyboard while power on Z100-0dB to go to bios settings interface.

Goto “advanced page and click “Ctrl+F1” to show hidden option.Disable the ME State by path: Advanced->PCH-FM Configuration->ME State->Disable



Disable ME State

Pressing F4 and click “Yes” to save the settings and restart.



Save Bios settings changing

1. Upgrade Bios

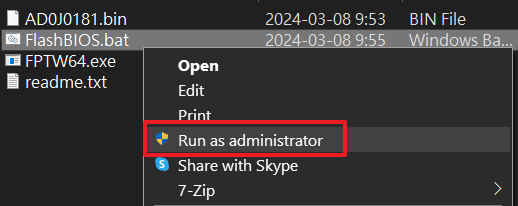
Boot the NEO Z100-0dB and the Windows OS.

1. Under Windows OS, extract the BIOS files and copy them to a random folder
2. Check the MD5 value of the AD0J0.191.bin, it should be

MD5: 75D2790F78DF1EDDFE06FE2A8AA06807

SHA1: 97312CAD0EB7A993E1941D571E14DC26C0E07419

1. Right-click the 'FlashBIOS.bat' file, choose 'Run as Administrator'.



1. The Bios will be updated automatically
2. Devices will restart after updated(if not, you can break the power and restart for new bios takes effect).

*Please note, it takes more time than usual for the device to boot up, as it's the first time of booting up after updating the BIOS.*

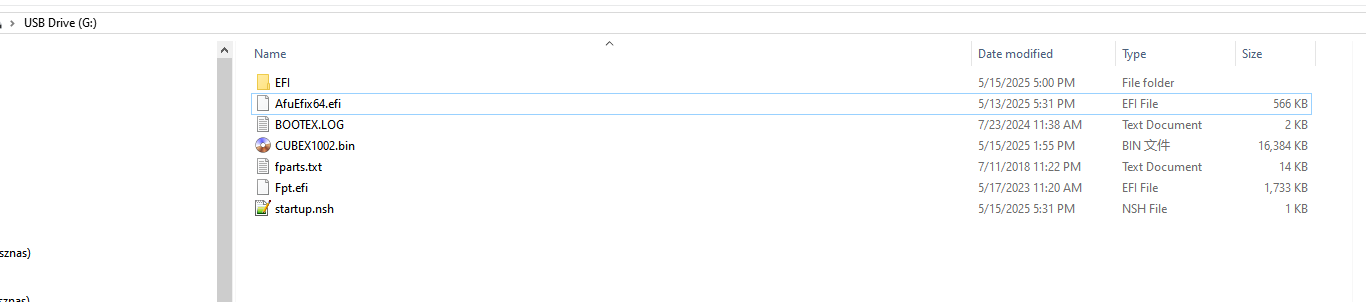
**Flash Bios under UEFI**

Things to prepare:

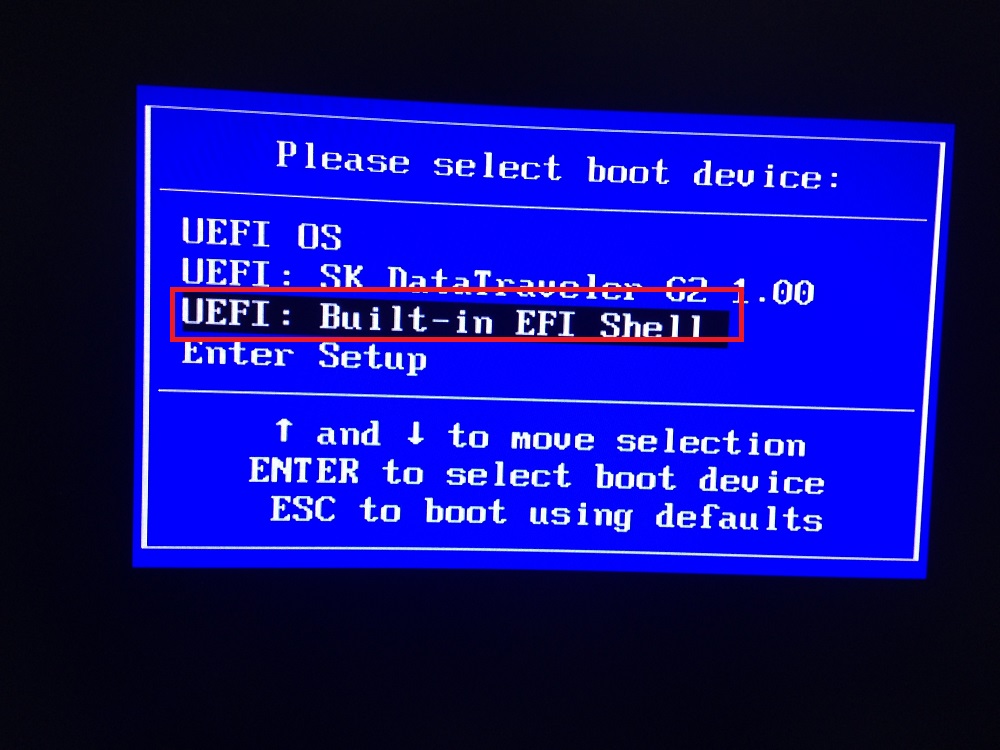
USB Flash driver(NTFS format) , UEFI BIOS

Note:Please contact our support team to get UEFI upgrading files.

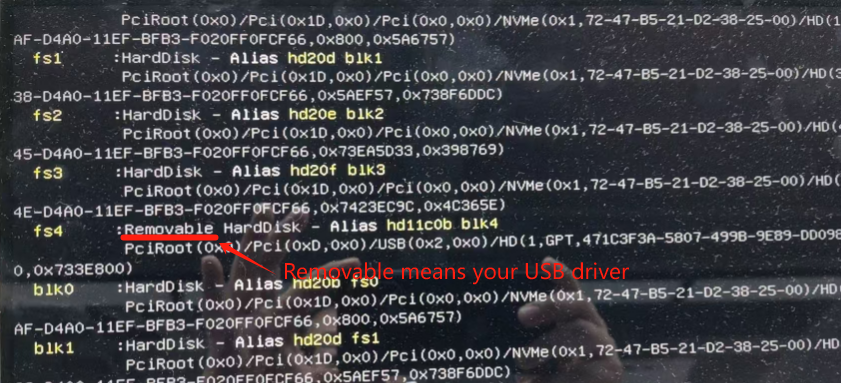
1. Copy the BIOS to your USB Flash driver root directory.



1. Power on the Z100 and press [F11] key to run boot menu,then select [UEFI: USB driver disk].



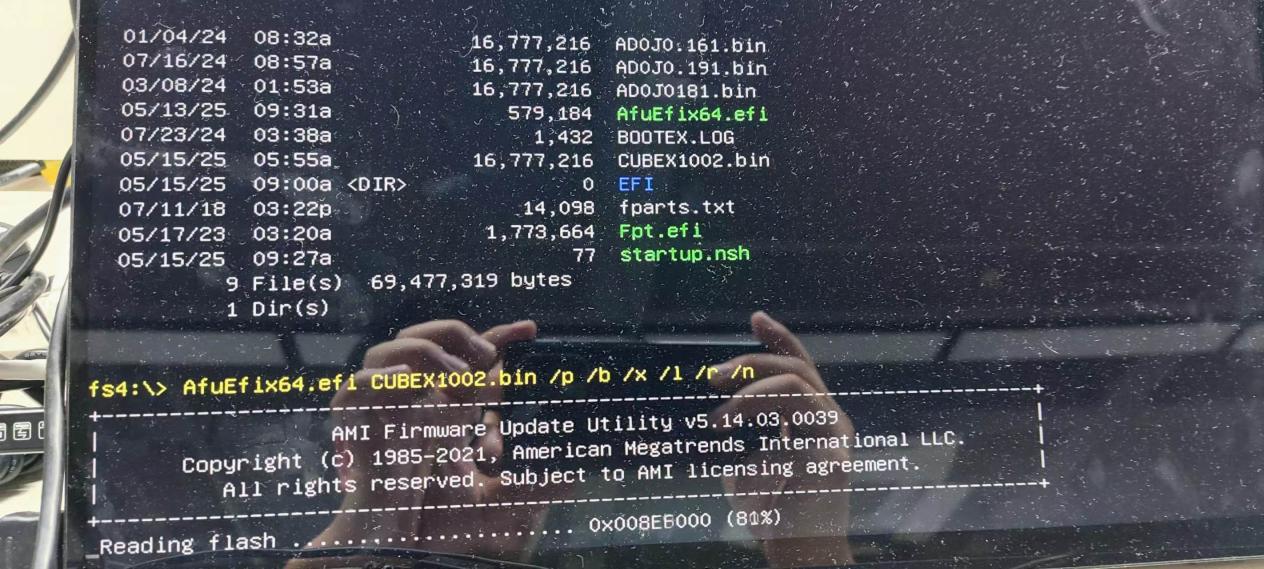
1. you can see below image.when you get the “Shell>”,



Switch to your usb driver by below command.

Shell>fs4:

Then input “AfuEfix64.efi biosname.bin /p /b /x /l /r /n” to flash Bios(biosname.bin is which you wanted flashed bios file’s name, here it is CUBEX1002.bin)



Waiting for the progress until the “operation successful” displaying

Repower on Z100 and click delete key to check the Bios