[EFI Shell BIOS Update]

1. Go to AMI web site to download "Aptio V AMI Firmware Update (AFU) BIOS flash tool". <u>https://www.ami.com/bios-uefi-utilities/</u>. And put the AfuEfix64.efi to the EFI folder.

2. Prepare a UEFI shell bootable USB drive.

3. Download Altos BIOS Package and copy files to the UEFI Shell bootable drive

4. Power on System and press <Del> during POST LOGO to entry BIOS setup.

5. Set [Authentication]->[Secure Boot ]->Disable. And set [Boot Option]-> [1<sup>st</sup> Boot Device] to the UEFI bootable USB drive as the first order boot device.

	1st Boot Device	[ADATA USB Flash Dri]
	2nd Boot Device	[P2: MATSHITADVD-ROM]
	3rd Boot Device	[Removable Device]
	4th Boot Device	[LAN]
	Hard Disk Drive Priority	[Press Enter]
Þ	Optical Disk Drive Priority	[Press Enter]
	Removable Device Priority	[Press Enter]
►	Network Device Priority	[Press Enter]
	Boot Menu	[Enabled]
	D2D Recovery	[Disabled]
	Fast Boot	[Disabled]
	Quiet Boot	[Enabled]
	Bootup Num-Lock	[0n]
	Halt On	[All, but Keyboard]

6. Press <F10> or select [Exit]->[Save & Exit Setup] to save changes.

7. Power on System and Boot to EFI Shell

8. Change the UEFI path to the USB drive, check the "Removable HardDisk" like fs0 or

fs5. Type fs0: to change to UEFI USB drive.

fs3	:HardDisk - Alias hd22f blk3
	Acpi (PNP0A03,0) /Pci (1F12) /?/HD (Part5,Sig786109A0-E698-4366-AACD-9D58FCCEC46D)
fs4	:HardDisk - Alias hd22g blk4
	Acpi (PNP0A03.0) /Pci (1F12) /?/HD (Part6, SigF1FABDB5-D18E-4D54-87BF-525E95B0608D)
fs5	:Removable HardDisk <mark>- Alias hd15b0d0b blk5</mark>
	Acpi (PNP0A03,0) /Pci (1D10) /Usb(1, 0) /Usb(3, 0) /HD (Part1,Sig0189F303)
hlkA	HardNisk - Alias hd22h fs0

9. Go to the BIOS path like "fs0:\BIOSPackage\EFI"

10. Key in 'flash.nsh' to update BIOS.

FLASH.nsh> AfuEfix64.efi\ROM\R01-A0.CAP /P /B /N /R /MEUL /CAPSULE	i.
AMI Firmware Update Utility v5.09.02.1384 Copyright (C)2017 American Megatrends Inc. All Rights Reserved.	
<ul> <li>+</li> <li>Reading flash</li></ul>	+

- 11. Press<Y>, system will be going to shut down.
- 12. System will auto reboot and flash BIOS.

