



BIOS Update

BIOS Update From Local UEFI Shell

Altos Computing Inc. is a subsidiary of Acer



BIOS Update

- Download and unzip the BIOS package to a USB disk.
- Insert the USB disk to the system
- Power on the system and press F11 key to pop up the boot menu



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- After boot to the UEFI shell, check the file system number of the USB disk.
- Type “FSx:” and enter to change to the file system of the USB dis.

```
FS0: Alias(s):HD1s0b::BLK2:
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x12,0x0)/HD(1,MBR,0x00037DDC,0x800,0x1
CD7800)
      FS1: Alias(s):HD2a0c::BLK6:
      PciRoot(0x1)/Pci(0x2,0x0)/Pci(0x0,0x0)/Scsi(0x0,0x0)/HD(2,GPT,2E098EC4
-BF3F-4BEA-813E-4E06407B5D5B,0xE1800,0x32000)
      BLK1: Alias(s):
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x12,0x0)
      BLK3: Alias(s):
      PciRoot(0x0)/Pci(0x14,0x0)/USB(0x12,0x0)/Unit(0x1)
      BLK0: Alias(s):
      PciRoot(0x0)/Pci(0x11,0x5)/Sata(0x5,0xFFFF,0x0)
      BLK4: Alias(s):
      PciRoot(0x1)/Pci(0x2,0x0)/Pci(0x0,0x0)/Scsi(0x0,0x0)
      BLK5: Alias(s):
      PciRoot(0x1)/Pci(0x2,0x0)/Pci(0x0,0x0)/Scsi(0x0,0x0)/HD(1,GPT,9511013B
-8B97-4DDB-A4CC-40EFC4CFB5A9,0x800,0xE1000)
      BLK7: Alias(s):
      PciRoot(0x1)/Pci(0x2,0x0)/Pci(0x0,0x0)/Scsi(0x0,0x0)/HD(3,GPT,93692CE8
-EE3F-48EB-941A-FE675940535D,0x113800,0x8000)
      BLK8: Alias(s):
      PciRoot(0x1)/Pci(0x2,0x0)/Pci(0x0,0x0)/Scsi(0x0,0x0)/HD(4,GPT,F7741F17
-AA93-42DF-889C-0B01B78C8F18,0x11B800,0xE8AE4000)
Press ESC in 1 seconds to skip startup.nsh or any other key to continue.
Shell> _
```

BIOS Update

- Go to the BIOS package folder.
- Run the altos.nsh to start to update BIOS

Press ESC in 1 seconds to skip startup.nsh or any other key to continue.

Shell> fs0:

FS0:\> cd BIOS-FW\F4\SMC\BIOS\350F4T3.3\

FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3> dir

Directory of: FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3\

03/08/2022	17:09	<DIR>	8,192	.
03/08/2022	17:09	<DIR>	8,192	..
03/30/2019	05:34		521,840	afuefi.smc
03/08/2022	17:10		33	altos.nsh
03/30/2019	05:34		569,056	fdt.smc
03/30/2019	05:34		5,537	flash.nsh
08/01/2020	06:24		33,554,432	X11DPiN0.731

5 File(s) 34,650,898 bytes

2 Dir(s)

FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3> altos.nsh_

BIOS Update

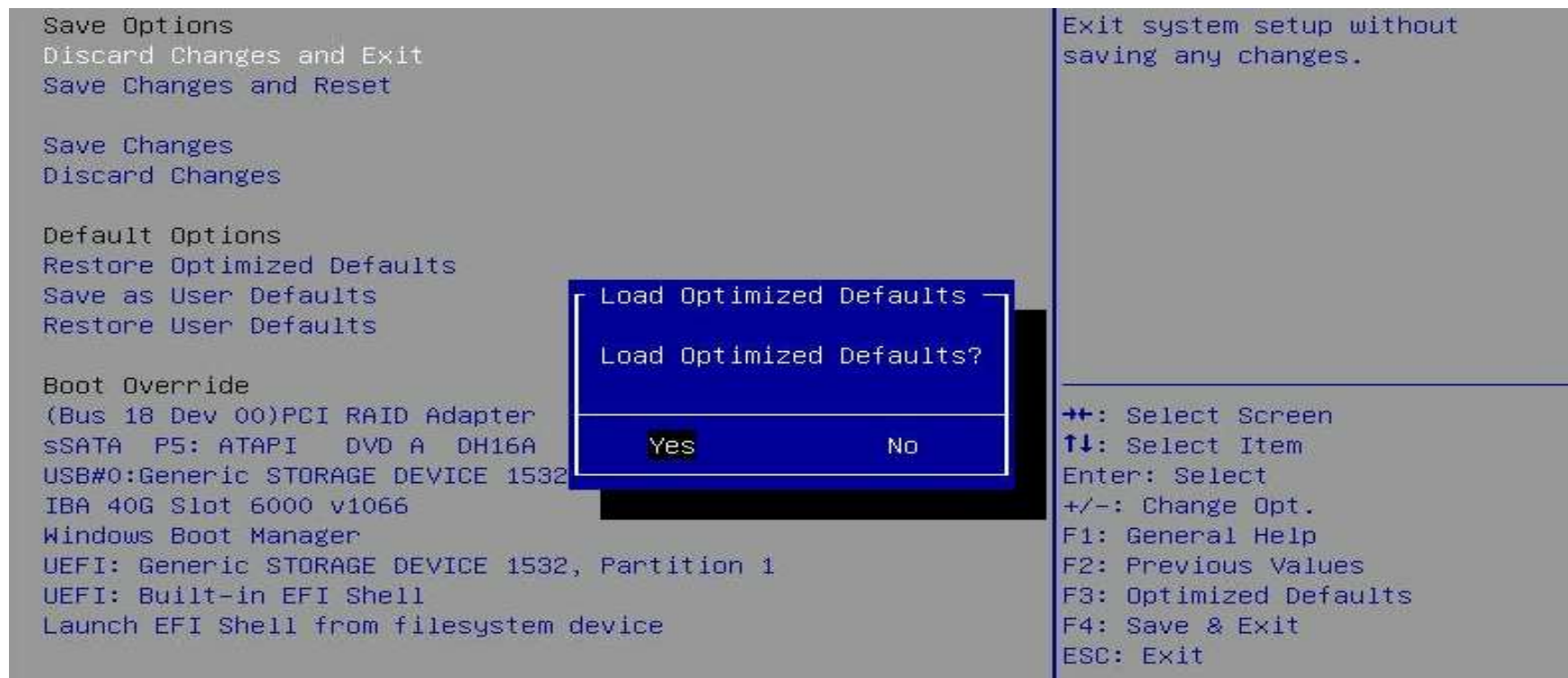
- After the BIOS is updated, reboot the system.

```
Updating NVRAM Block ..... done
Verifying NVRAM Block ..... done
Erasing NCB Block ..... done
Updating NCB Block ..... done
Verifying NCB Block ..... done
- FDR is locked, skip updating.
- Update success for DER. -
- GBEA is locked, skip updating.
- PTT is locked, skip updating.
- Successful Update Recovery Loader to OPRx!!
- Successful Update MFSB. -
- Successful Update FTPR!!-
- Successful Update MFS, IVB1 and IVB2!!
- Successful Update FLOG and UTOK!!
- ME Entire Image update success !!
WARNING : System must power-off to have the changes take effect!

Process completed.
Moving FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3\fdt\64.efi -> FS0:\BIOS-FW\F4\SMC\BIOS
\350F4T3.3\fdt.smc
- [ok]
Moving FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3\afuefi\64.efi -> FS0:\BIOS-FW\F4\SMC\B
IOS\350F4T3.3\afuefi.smc
- [ok]
FS0:\BIOS-FW\F4\SMC\BIOS\350F4T3.3\> _
```

BIOS Update

- Press “Del” key to enter to the BIOS setup, press “F3” key to load the default settings and press “F4” key to save and exit.





The Best is Yet To Come



For more information about Altos product and solution
Please visit Altos website (welcome scan QR code or use URL)
<https://www.altoscomputing.com/en-US>

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