

# Deskmini X600 Firmware Update for Box Cooler

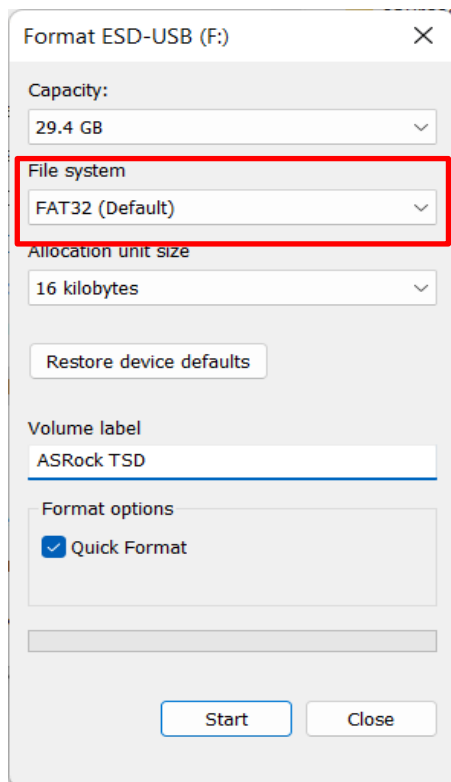
## Preparation:

File download from ASRock website

Item	Version
Firmware	2024/05/22.00
BIOS	2.01 or Later version

Bootable USB drive:

- A. Prepare a USB Drive must be formatted as FAT32.



- B. Create an EFI bootable USB drive

<https://download.asrock.com/TSD/Desktop/Tool/EFICreate.zip>

## Procedures

1. Extract the "6686\_DT\_Asrock\_X600M-STX\_240522.zip" and "X600M-STX\_2.01" or later version, then save it to a USB flash drive.
2. Boot the system and press hotkey "F11" to post into EFI Shell.
3. After booting into the EFI shell please enter: FS0: (or the number assigned to your USB flash drive)-
4. After that, Route to NvFlash folder to Run "**Flash.nsh**".

```
fs0:\> cd X600M-STX(240522)Firmware
fs0:\X600M-STX(240522)Firmware> cd 6686_DT_Asrock_X600M-STX_240522
fs0:\X600M-STX(240522)Firmware\6686_DT_Asrock_X600M-STX_240522> cd Package
fs0:\X600M-STX(240522)Firmware\6686_DT_Asrock_X600M-STX_240522\Package> cd NvFlash
fs0:\X600M-STX(240522)Firmware\6686_DT_Asrock_X600M-STX_240522\Package\NvFlash> flash.nsh_
```

```
Erase: Done
Program: Done
Verify: OK
2021/11/25 4: 2:50
2021/11/25 4: 3:37
Spend time: 47 sec.
Ret = 0x00
shell> _
```

When using an 8000G-series processor (Phoenix), you might see a distorted screen output instead of a confirmation that the process has finished. That is expected behaviour with these processors. Please continue with the next step.

5. After finished the firmware update, please shut down the system and **turn off the power for 30 seconds.**

*\*Due to the firmware update affecting the display, please ensure the AC power is turned off after the firmware is updated.*

*\*\*If you encounter a display issue after the firmware update, please turn off the AC power to reload the firmware for the system.*

6. Turn on the power supply and into the BIOS and use the Instant Flash feature to update the BIOS to version 2.01.