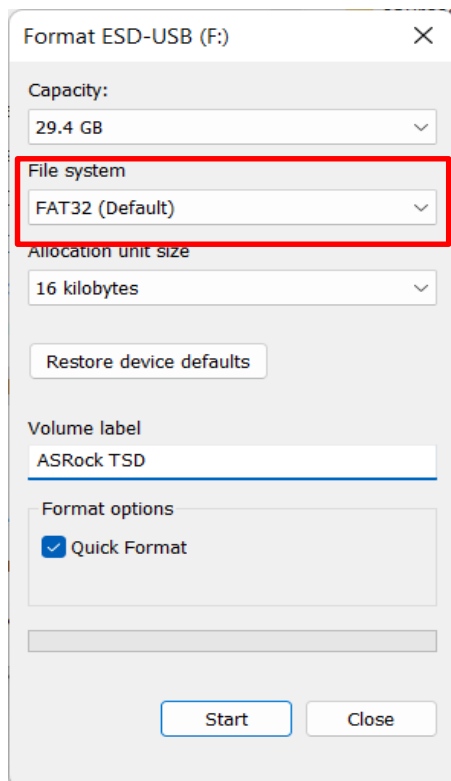![ASRock Technical Support Department]
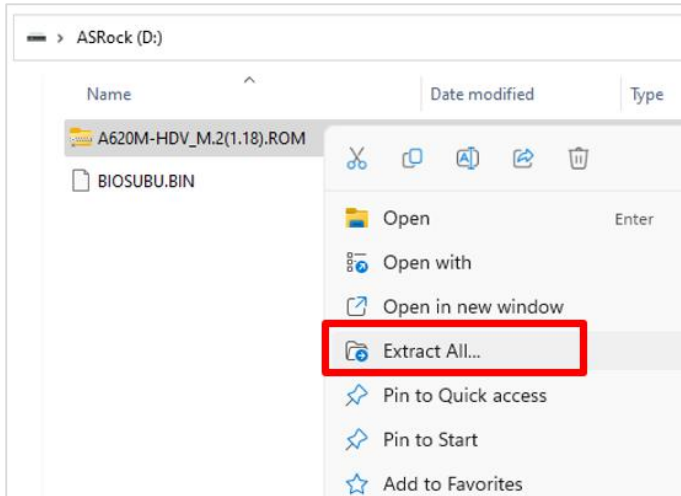
AMD USB BIOS Flashback Feature User Guide

AMD USB BIOS Flashback feature allows you to update the BIOS without booting into the UEFI setup. To use the AMD USB BIOS Flashback function, please follow the steps below.

1. Prepare a USB Drive which meets following requirements.
   - USB 2.0 only
   - Capacity up to 32GB
   - Must be formatted as FAT32 (Users can utilize tools, such as Windows DiskPart, to create a clean USB disk before formatting it as FAT32.)
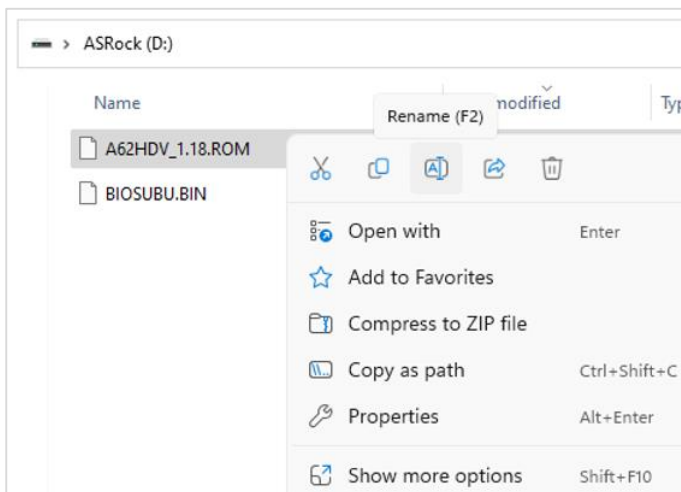

2. Download the latest BIOS file (packed in a zip file) for your motherboard and "BIOSUBU.BIN" from ASRock's website.
   *Please download the BIOS UBU file corresponding to your CPU.
   https://www.asrock.com/support/index.asp

3. Copy the downloaded files to your USB flash drive.

4. Extract the BIOS file from the zip file.
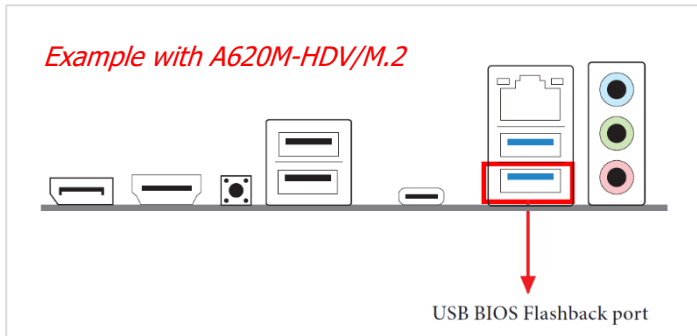

5. **Rename the file to "PSPBIOS.IMG"** and save it to the root directory of X: USB flash drive.
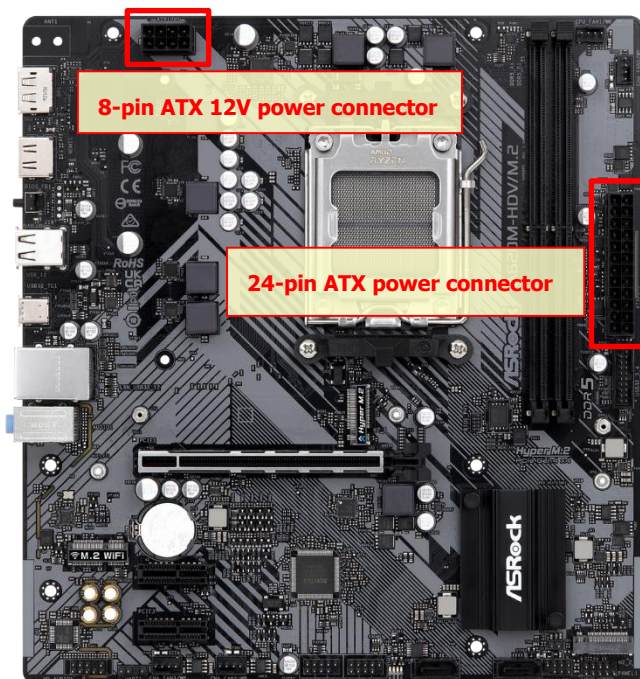

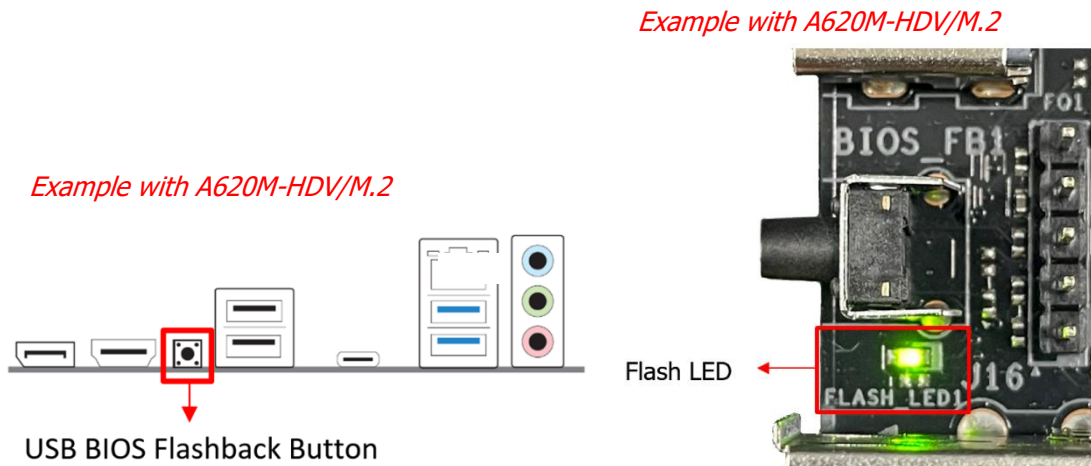| Before renaming	After renaming

6. Refer to the user manual to determine which USB port must be used for USB BIOS Flashback and insert the USB drive with the prepared "PSPBIOS.IMG" and "BIOSUBU.BIN" into the designated USB port (USB BIOS Flashback port). https://www.asrock.com/support/index.asp

7. Install the CPU, DRAM and cooler. Then connect the PSU to the 8-pin ATX 12V power connector and 24-pin ATX power connector to the motherboard. Turn on the power supply's AC switch, but do not start the system.
    *If the system has been started already, please turn off the power supply's AC switch for 3 minutes and then turn on the AC switch.

8. Press the USB BIOS Flashback Button for about three seconds. Then the system will power on to update the BIOS and the Flash LED starts to blink.
The BIOS update procedure will take a few minutes.

Example with A620M-HDV/M.2

Example with A620M-HDV/M.2

9. Wait until the LED stops blinking, indicating that BIOS flashing has been completed. The system will restart automatically.

* If the LED light turns solid green, this means that the AMD USB BIOS Flashback is not operating properly. Please make sure that you connect the USB drive to the USB BIOS Flashback port.
**If the LED does not light up at all, this means that the AMD USB BIOS Flashback does not work. Please turn off the power supply's AC switch to disconnect power for several minutes, and turn it on again.