Instructions for Flashing BIOS using software when BIOS firmware has been corrupted and board fails to boot.

Check the PWR_LED (Green) and STB_LED (Red) on the motherboard to make sure BIOS can be recovered.

In the example below Green and Red LEDs will start flashing when board is powered-on, indicating that it has entered Recovery Mode. There will not be any video on the screen at this time.



1. Download Recover-BIOS (.zip) file of the corresponding product from the Jetway official website.

Or Enter Model Name for Searching						
			Search			
Choose File types for Downloading						
V Drivers V BIOS -1 V BIOS -2 V Manual V QIG V BIOS -3 V BIOS -4						
Test-Report BIOS-EFI BIOS-Wir	ndows 🔽 Reco	ver-BIOS				
Model Name	Туре	Operating System	Download Site(Asia)	Download Site(USA)	Description	Update Date
MI23-Q670X Series	SIO	Windows 10 (64bit)	8	8	-	2023-03-28
MI23-Q670X Series	Test- Report	-	Ø	Ø	-	2023-03-30
MI23-Q670X Series	Recover- BIOS		8	ß	-	2023-04-18
MI23-Q670X Series	Chipset	Windows 10 (64bit)	ß		-	2023-03-28

2. Extract all .RY files to a USB flash drive that has a FAT32 file format.

> MI3QIA01RY				~ ē	
^	名稱	^	修改日期	類型	大小
*	MI3QIA01.RY		2023/4/13 下午 02:34	RY 檔案 RV 檔案	16,384 KB
*	MISQIA02.RY		2023/4/13 下午 02:34	RY 檔案	16,384 KB
×	README		2023/4/18 下午 03:54	文字文件	1 KB

- 3. Connect a monitor to the VGA, HDMI or DP port. The LVDS and eDP panel are not supported at this moment. Do not power-on board yet.
- 4. Plug the USB drive from step 2 into any USB port on the motherboard. Turn on the power by pressing the power button, the REFLASH_LED will start flashing.
- 5. If the BIOS files in flash drive are the correct ones, you will see the following screen and you can proceed with flashing the BIOS.

*If no such picture appears onscreen, the BIOS versions may be wrong. In this case please check and re-load the correct versions, or save all RY file versions into the USB disk for the system to search automatically.

Main	ptio Setup – AMI		
System booted from new image Partial update is not allowed Only full image can be updated Proceed with flash update	Select this to start flash update ++: Select Screen 11: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit		
Version 2.22.1287 Copyright (C) 2023 AMI			

6. Press the Enter key to start re-flashing the BIOS, which takes about 40 seconds.

Aptio Setup - AMI Main	
Main MARNING! System firmware is being updated. Keyboard is locked. DO NOT TURN THE POWER OFF !!! Once firmware update is completed press any key to reboot the system Flash Update Updating main firmware -49%-	Screen Item Ct Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
Version 2.22.1287 Copyright (C) 2023	AMI

7. When flashing update is completed, please press any key to restart the system.



8. The following screen picture means that BIOS re-flashing update is completed successfully.

Main Advanced Chipset Secur	Aptio Setup – AMI ity Boot Save & Exit	
MainAdvancedChipsetSecurityBIOS InformationBIOS VendorFilenameBuild Date and TimeSystem DateSystem Time	ity Boot Save & Exit American Megatrends MI15HA02 09/25/2023 11:33:27 [Fri 01/12/2024] [14:30:09]	Set the Date. Use Tab to switch between Date elements. ++: Select Screen fl: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
Vers	ion 2.22.1287 Copyright (C) 20	23 AMI