

How to update BIOS?

Special Note:

M-Flash is exclusively for Micro-Star products only. If you have any question during updating BIOS, please contact MSI Service and Support to avoid any damage resulting from improper use or lack of technical expertise.

1. Boot up your system & press "delete" key to enter BIOS screen to check your current BIOS version.

MSi c	сыск ві	os s		EZ Mode (F7)	F12	💽 🥥En 🗙
CPU Speed 2.60 GHz DDR Speed 2666 MHz		CPU Core Temperature: 40°C Motherboard Temperature: 36°C VCore: 0.878V DDR Voltage: 1.196V BIOS Mode: CSM/UEFI	CPU: 11th Ger Memory Size: BIOS Ver: E70	MB: MPG Z590M GAMING EDGE WIFI (MS-7D12) CPU: 11th Gen Intel(R) Core(TM) i5-11400 @ 2.60GHz Memory Size: 8192MB BIOS Ver: E7D12IMS.100 BIOS Build Date: 04/13/2021		
CPU	XMP Profile 1	XMP Profile 2	Boot Priority			

2. Download the new BIOS version that matches the current BIOS version number.

BIOS	Driver	Manual	Utility				
How to flash the BIOS (SOP Download) Youtube: MSI® HOW-TO use M-FLASH for BIOS We suggest using Chrome or Edge browsers to download BIOS, Drivers, etc.							
– AMI BIOS							
Version 7D12v11	Release Date 2021-06-24	File Size 8.56 MB					
	n re and performance improvement. 2 PCIE lanes switch function.						
Version 7D12v10	Release Date 2021-04-14	File Size 8.53 MB		٢			
Description New BIOS R							

3. Extract the BIOS-zip file that you have downloaded and paste it to your USB storage device.





Note: It is recommended to save the BIOS file to the root folder for easier access.

4. Press "delete" key to enter BIOS, select "M-Flash". You can find M-Flash Button in both BIOS EZ Mode and BIOS Advance Mode.

BIOS EZ Mode

M-Flash	CPU Fan Fail Warning Contro	l O		
CPU Cooler Tuning	ErP Ready		AHCI /RAID	O ON
Hardware Monitor	HD Audio Controller	ON	EZ LED Control	

BIOS Advanced Mode



5. After selecting "M-Flash", a notification will appear telling you the system will automatically reboot and enter flash mode. Press "Yes" to continue.





- 6. Select USB storage device with the downloaded BIOS.
- 7. Select the BIOS which you want to update and press "Enter" to start updating.

2 15:37:26 < DIR > System Volume Information 11 11:17:32 33554432 E7D12IMS.110
11111732 33394432 E7U12IMS.110
ersion: V1.00 Build Date: 04/13/2021
ersion: V1.00 Build Date: 04/13/2021 ersion: V1.10 Build Date: 06/21/2021

Note: You can double check the Current BIOS version and the Selected BIOS version at the bottom of the screen.



Note: If you cannot see the BIOS in M-Flash, please double check if the downloaded BIOS is correct.

8. A notification will appear to confirm if you have selected the correct BIOS file. Press "Yes" to start updating. Press "No" if you have noticed the BIOS file is not correct.

/I-Flash		
File Path : fs0:\E7D12IN	🖋 сри 33 °С / 91 °F 🛛 🛞 сри 1031 RPM S.110	
Drive		
FS0: SCSI DISK 1.00	Are you sure to select this file? E7D12IMS.110 Yes No	
[Current BIOS] [Selected BIOS]	Model Name: E7D12IMS Version: V1.00 Build Date: 04/13/2021 Model Name: E7D12IMS Version: V1.10 Build Date: 06/21/2021	

8. BIOS will start updating.



Note: Please DO NOT shutdown or restart system until BIOS update process is



completed. Please also note that Mouse and Keyboard would be locked during updating.

10. After BIOS update is finished, the system will automatically restart. Please press "delete" key to enter BIOS screen. You can make sure BIOS has been updated successfully in the BIOS screen.

<i>MSI</i> CLICK BIOS 5	Advanced (F7) 📷 : F12 💽 😪 En 🗙			
CPU Speed 2.60 GHz DDR Speed 2666 MHz	CPU Core Temperature: 39°C Motherboard Temperature: 35°C VCore: 0.878V DDR Voltage: 1.196V BIOS Mode: CSM/UEFI	MB: MPG Z590M GAMING EDGE WIFI (MS-7D12) CPU: 11th Gen Intel(R) Core(TM) i5-11400 @ 2.60GHz Memory Size: 8192MB BIOS Ver: E7D12IMS.110 BIOS Build Date: 06/21/2021		
CPU XMP Profile 1 XMP Profile	2 Boot Priority Boot Priority			