

MS-7C79 MPG Z490 GAMING EDGE WIFI and MS-7C76 MPG Z490M GAMING EDGE WIFI

Changes and differences between MEDION® OEM BIOS and MSI® Retail BIOS versions

Due to the fact that OEMs are bound to requirements given by Microsoft®, the MEDION® BIOS settings differ from settings MSI® is using.

Depending on the configuration of the PC it occurs in some rare cases that Windows™ will not boot and a bluescreen appears.

Please change following BIOS items to solve the problem and make Windows™ boot again.

1

Turn on the PC and start pressing **DEL** key multiple times in a row to enter BIOS.

To operate in BIOS you can use mouse or keyboard.

The following menu appears (sample image).

msi CLICK BIOS 5

🕒 17:24 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
DDR Voltage: 1.208V
BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



>



>



EZ Mode



CPU



Memory



Storage



Fan Info



Help

CPU Frequency:

2.90 GHz



M-Flash



CPU Cooler Tuning



Hardware Monitor



CPU Fan Fail Warning Control



ErP Ready



HD Audio Controller

2

Press **F7** key to switch to **Advanced Mode**.

msi CLICK BIOS 5

🕒 17:25 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
DDR Voltage: 1.204V
BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings
OC

Use USB to flash BIOS
M-FLASH

3

Select **Settings - Advanced - Integrated Peripherals**.

msi CLICK BIOS 5

🕒 17:25 Fri 26 Nov, 2021

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BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings
OC

Use USB to flash BIOS
M-FLASH

msi CLICK BIOS 5

🕒 18:10 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
DDR Voltage: 1.208V
BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings
OC

Use USB to flash BIOS
M-FLASH

Settings

- > System Status
- > **Advanced 2**
- > Boot
- > Security
- > Save & Exit

msi CLICK BIOS 5

18:11 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
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BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced

- > PCIe/PCI Sub-system Settings
- > ACPI Settings
- > Integrated Peripherals **3**
- > Integrated Graphics Configuration
- > Intel (R) Thunderbolt
- > USB Configuration
- > Power Management Setup
- BIOS CSM/UEFI Mode
- D.T.M
- > Wake Up Event Setup
- > Secure Erase+
- > NVMe SSD Self-Test
- > Intel(R) Rapid Storage Technology

msi CLICK BIOS 5

🕒 17:25 Fri 26 Nov, 2021

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CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
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CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Integrated Peripherals

VGA Detection

Onboard LAN Configuration

Onboard LAN Controller

LAN Option ROM

Network stack

Onboard CNVi Module Control

SATA Configuration

SATA Mode

M.2/Optane Genie

SATA1 Hot Plug

SATA2 Hot Plug

SATA3 Hot Plug

SATA4 Hot Plug

SATA5 Hot Plug

SATA6 Hot Plug

Audio Configuration

HD Audio Controller

4

Step 1

Change **SATA Mode [AHCI Mode]** to **[RAID/Optane Mode]**.

Step 2

Change **M2_1 - RST Pcie Storage Remapping [Disabled]** to **RST Pcie Storage Remapping [Enabled]**.

The item can be changed by mouse or keyboard.

msi CLICK BIOS 5

🕒 17:25 Fri 26 Nov, 2021

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BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Overclocking settings

OC

Use USB to flash BIOS

M-FLASH

Settings\Advanced\Integrated Peripherals

VGA Detection

Onboard LAN Configuration

Onboard LAN Controller

LAN Option ROM

Network stack

Onboard CNVi Module Control

SATA Configuration

SATA Mode

M.2/Optane Genie

M2_1 - RST Pcie Storage Remapping

M2_2 - RST Pcie Storage Remapping

SATA1 Hot Plug

SATA2 Hot Plug

SATA3 Hot Plug

SATA4 Hot Plug

SATA5 Hot Plug

SATA6 Hot Plug

Audio Configuration

HD Audio Controller

5

Press **F10** key to save configuration and exit.
Confirm with **Yes**.

6

Configuration will be saved and PC will restart.

7

Start pressing **DEL** key to enter BIOS again.

8

Press **F7** key to switch to **Advanced Mode**.

9

Select **Settings - Boot - UEFI Hard Disk Drive BBS Priorities**.

msi CLICK BIOS 5

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BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS



Overclocking settings

OC



Use USB to flash BIOS

M-FLASH



msi CLICK BIOS 5

🕒 18:37 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
DDR Voltage: 1.208V
BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

Settings

- > System Status
- > Advanced
- > **Boot 2**
- > Security
- > Save & Exit

Overclocking settings
OC

Use USB to flash BIOS
M-FLASH

msi CLICK BIOS 5

🕒 18:37 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
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DDR Voltage: 1.208V
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GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS

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Use USB to flash BIOS

M-FLASH

Settings\Boot

Boot Configuration
Full Screen Logo Display
GO2BIOS
Bootup NumLock State
Info Block effect
POST Beep
MSI Fast Boot
Fast Boot

FIXED BOOT ORDER Priorities

Boot Option #1
Boot Option #2
Boot Option #3
Boot Option #4
Boot Option #5
Boot Option #6
Boot Option #7

- > UEFI Hard Disk Drive BBS Priorities
- > UEFI USB Hard Disk Drive BBS Priorities

msi CLICK BIOS 5

🕒 18:38 Fri 26 Nov, 2021

CPU Speed 2.90 GHz
DDR Speed 3200 MHz

CPU Core Temperature
Motherboard Temperature
VCore: 0.860V
DDR Voltage: 1.208V
BIOS Mode: CSM/UEFI

GAME BOOST



CPU



XMP Profile 1



XMP Profile 2

Boot Priority



SETTINGS



Overclocking settings
OC



Use USB to flash BIOS
M-FLASH

Settings\Boot\UEFI Hard Disk Drive BBS Pr

Boot Option #1

Boot Option #2

Boot Option #1 has to be **[Windows Boot Manger]** to start Windows.

If there is more than one entry and you don't see **[Windows Boot Manger]** as first entry, please select the appropriate item and change it accordingly.

10

Press **F10** key to save configuration and exit.

Confirm with **Yes**.

11

Configuration will be saved and PC will start Windows™.

Thank you for your support.