

# BIOS Release Notes

## TITLE

**SUBJECT:** MW34-SP0 BIOS Release Notes version F11

**System:** MW34-SP0-00

### About This Release

**Build Date:** 2023/04/06

**BIOS Checksum:** 0xAEC2C8B8 (32M)

**Release Owner:** Patty.Liao

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel AlderLake-S Processors

**System hardware configurations supported:** MW34-SP0-00

**MB Version :** 1.X

**Microcode updates versions:**

CPUID	Family	Microcode Update ID
90674	Intel(R) Desktop Alder Lake-S G-0	00000219
90672	Intel(R) Desktop Alder Lake-S C-0/K-0	0000002C
B0671	Intel(R) Desktop Raptor Lake-S B-0	00000113

**IPMI support:**

**AMI Kernel version:** 5.24\_1AXFE\_RC0C.00.58.40(2374.05)\_028

**Intel CSI/MRC Package version:** RC0C.00.75.10(3385.00)

**Intel ME-SPS Firmware version:** 16.1.25.1932

**OPROM version:**

OPROM	Version
AST2600 VGA	1.10.01

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MW34-SP0\_F11.zip to a bootable diskette that use FAT/FAT32 format

#### BIOS UPDATE INSTRUCTIONS FOR EFI Shell:

1. Insert USB flash driveto system for BIOS upgrade.
2. Power on system and boot to Build-In Shell.
3. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
4. Execute F.nsh for bios update
5. After bios flash finish, system must Power-Off to have the changes take effect.

# BIOS Release Notes

## BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell.
3. Enter \Tool\Win32 and execute f.bat for Windows 32bit.  
Or  
Enter \Tool\Win64 and execute f.bat for Windows 64bit.
4. After bios flash finish, system must Power-Off to have the changes take effect.

## BIOS UPDATEFOR Easy BIOS Refresh:

1. The system supports remotely update BIOS if BMC existent.
2. Please download the Easy BIOS Refresh User Guide from Gigabyte website, target system support page.

## BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press <DEL> during POST
2. The bios version shows on the first main page

## Known Issues/Workarounds

### Issues fixed in this version

F11

1. Update RC code (RC0C.00.75.10(3385.00)), Microcode (321) and ME (16.1.25.1932) for 2023.1 security update.  
(CVE-2022-30704)

F10

1. Add NMI Function item.

F09

1. Update Microcode to support Raptor Lake H-0 and B0 stepping CUP.
2. Update Vmd Module in RC Code to modify BIOS menu can't show Intel(R) Rapid Storage Technology item With RPL-S B0 stepping CPU.
3. Modify USB stick check are not ready.
4. Modify Memory Configuration menu.
5. Modify Case Open function.
6. Modify BIOS Recovery function.

F08

1. Modify NMI Function.

F07

1. Modify the system cannot boot into PXE under Legacy Mode.

F06

1. Modify SERR/PERR function.
2. Modify USB Massage in Post Screen.
3. Modify the system doesn't show post screen after clear CMOS.

## BIOS Release Notes

4. Modify the BIOS BMC network configuration menu does not meet the spec.
5. Modify the USB3.2 Gen2x1 R/W Performance test fail.
6. Modify the system shows the incorrect Onboard LAN controller item in BIOS Driver Health.
7. Set load default value to 0xCE if CMOS 0x6F flag have been trigger.

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F05

1. Modify hung on post code B3 when CLR\_CMOS

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F04

1. Modify M2M\_CPU slot install Win10/11 OS BSOD

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F03

1. Modify Buzzer function
2. Add BIOS ready Function for BMC

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F02

1. Modify M.2 device can't into Win11
2. Add NVMe Configuration item
3. Modify SERR/PERR Post Screen function

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F01

1. First release for PVT version.
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