

# BIOS Release Notes

## TITLE

**SUBJECT:** MW34-SP0 BIOS Release Notes version R04  
**System:** MW34-SP0-00, W733-W30-AA01-000, W533-W30-AA01-000

### About This Release

**Build Date:** 2024/12/26  
**BIOS Checksum:** 0xAC71F979 (32M)  
**Release Owner:** Patty.Liao

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel AlderLake-S / RaptorLake-S / RaptorLake-S Refresh 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	00000032
B0671	Intel(R) Desktop Raptor Lake-S B-0	00000129

**IPMI support:**

**AMI Kernel version:** 5.27\_1AYRT\_RC0C.00.C7.50(4435.00)\_054

**Intel CSI/MRC Package version:** RC0C.00.C7.50(4435.00)

**Intel ME-SPS Firmware version:** 16.1.30.2307

**OPROM version:**

OPROM	Version
AST2600 VGA	1.10.01

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MW34-SP0\_R04.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.

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## 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

R04

1. Modify Buzzer function.
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R03

1. Modify SSID/SVID.
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R02

1. [Security Update] PKfail issue.
  2. Enhance CPU Performance
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R01

1. Base on BIOS F18 re-name to R01
  2. Modify Early Display Function.
  3. Modify MVME Function.
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