

# BIOS Release Notes

## TITLE

**Motherboard:** MRLU3AB-00 BIOS Release Notes version F03  
**System:** MRLU3AB-00,GB-XRLU3HW-00,GB-BRi3H-1315

### About This Release

**Build Date:** 2023/04/28  
**BIOS Checksum:** 0xAAF0F223  
**Release Owner:** Justin.Wu

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel Raptor lake-U Processors  
**System hardware configurations supported:** MRLU3AB-00  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
B06A2	Intel(R) Mobile Raptor Lake-P 6+8	00004305
906A3	Intel(R) Mobile Alder Lake-P/U L-0/R-0	00000424

**Kernel Version :**

**AMI Kernel version:** 5.27\_1AYRT\_RC0C.00.8B.10(3361.12)\_027

**Intel CSI/MRC Package version:** 0C.00.8B.10(3361.12)

**Intel ME Firmware version:** 16.1.25.2027

**OPROM Version :**

OPROM	Version
GOP Driver	21.0.1056
LAN	0.10.5

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the **MRLU3AB-00\_F03\_BIOS.zip** to a bootable diskette that use FAT/FAT32 format

#### BIOS UPDATE INSTRUCTIONS FOR EFI Shell:

1. Insert USB flash drive to system for BIOS upgrade.
2. Power on system and boot to setup menu  
A)Boot option#1 set to UEFI Shell
3. When step2 done, reset system and boot to setup menu  
A)BIOS Lock / disabled  
B)ME FW reflash / Enable
4. Save and Reset and directly into UEFI Shell

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5. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
6. Execute FLASH.NSH for bios update
7. After bios flash finish, please reboot system

### 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

F03

1. Assist LAN of MAC information present.
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F02

1. Improvement performance.
  2. Support display hot plugging in UEFI shell.
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F01

1. First release.
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