

BIOS Release Notes

TITLE

SUBJECT: MRLU5AB-00 BIOS Release Notes version F05
System: MRLU5AB-00,GB-XRLU5M2-00,GB-XRLU5HW-00,GB-BRi5H-1335

About This Release

Build Date: 2025/01/08
BIOS Checksum: 0xAAF59CB5
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: Intel Raptor lake-U Processors
System hardware configurations supported: MRLU5AB-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 **MRLU5AB-00_F05_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 during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

F05

1. Implement CNVI BT Audio feature.
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F04

1. WHLK Test Improvement
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F03

1. Patch PVT HW change i226v LAN FW, bios cannot detect MAC issue.
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F02

1. Fixed performance behavior.
 2. Fixed hot plugging in UEFI shell.
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F01

1. First release.
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