

# BIOS Release Notes

## TITLE

**Motherboard:** MADN5AB-00 BIOS Release Notes version F02  
**System:** MADN5AB-00,GB-XADN5SW-00,GB-BNIP-N305

### About This Release

**Build Date:** 2023/01/18  
**BIOS Checksum:** 0xB61C0646  
**Release Owner:** Shelley.Lin

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel AlderLake-N Processors  
**System hardware configurations supported:** MADN5AB-00  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
B06E0	Intel(R) Mobile Alder Lake-N N0	0000000E

#### Kernel Version :

**AMI Kernel version:** 5.27\_1AXFE\_N\_RC0C.00.89.30(3343.03)\_059  
**Intel CSI/MRC Package version:** 0C.00.89.30(3343.03)  
**Intel ME Firmware version:** 16.50.0.1120

#### OPROM Version :

OPROM	Version
GOP Driver	21.0.1056
LAN	2.059

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the **MADN5AB-00\_F02\_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)BIOS Lock / disabled
  - B)ME FW reflash / Enable
  - C)Boot option#1 set to UEFI Shell
3. Save and Reset and directly into UEFI Shell
4. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
5. Execute FLASH.NSH for bios update

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6. 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

F02

1. Set multi-display to fix the issue that DP cannot display when connect HDMI20\_2+DP and access the OS.

F01

1. First release.