

# BIOS Release Notes

## TITLE

**SUBJECT:** MC13-LE0 BIOS Release Notes version R04  
**System:** MC13-LE0-000, MC13-LE1-000, R113-C10-AA01-000, R113-C10-AA02-000

### About This Release

**Build Date:** 2024/11/21  
**BIOS Checksum:** 0x82F728C8(32M)  
**Release Owner:** Steven.Chang

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Raphael Processors  
**System hardware configurations supported:** MC13-LE0-000, MC13-LE1-000  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
00A60F00	Raphael A0\B0	0A601114
00A60F00	Raphael A1\B0	0A601203
0A700F52	Phoenix A0	0A708002
0A700F52	Phoenix n4 A0	0A704001
0A700F52	Phoenix n4 A2	0A704201
0A700F52	Phoenix2 A0	0A708002
00B40F40	Granite Ridge A0	00B40034
00B40F40	Granite Ridge B0	0B40401C

**IPMI support:**  
**AMI Kernel version:** 5.32\_1AYFL\_PI1.2.0.1\_043  
**AMD AGESA PI version:** AGESA-V9 ComboAm5 1.2.0.1  
**Platform version:**1.X  
**OPROM version:**

OPROM	Version
AST2600 VGA	1.13.01

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MC13-LE0\_R04.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 Build-In Shell.

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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 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 UPDATE FOR 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. AMD AGESA 1.2.0.1 for Ryzen 9000 CPU (Granite Ridge) .
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