

# BIOS Release Notes

## TITLE

**SUBJECT:** MX04-CE0 BIOS Release Notes version F06  
**System:** MX04-CE0-000, R123-X00-AA01-000

### About This Release

**Build Date:** 2024/01/09  
**BIOS Checksum:** 0xB6AFB5E6 (32M)  
**Release Owner:** Patty.Liao

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel Raptor Lake-E Processors  
**System hardware configurations supported:** MX04-CE0-000  
**MB Version :** 1.X  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
B0671	Intel(R) Server Raptor Lake-S B-0	0000011F
90672	Intel(R) Server Raptor Lake-S H-0	00000032

**IPMI support:**  
**AMI Kernel version:** 5.27\_1AZIQ\_RC0C.00.6B.41\_007  
**Intel CSI/MRC Package version:** RC0C.00.6B.41  
**Intel ME-SPS Firmware version:** E3\_06.02.04.008  
**OPROM version:**

OPROM	Version
AST2600 VGA	1.10.01

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MX04-CE0\_F06.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.

#### BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.

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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

F06

1. Support "DMA Control Guarantee" item.
2. Modify all post error message to not stop.
3. Modify default year value.
4. Support CPU PCIE Slot to Gen5.

F05

- 1.Modify ECC Function.

F04

- 1.Update Source code (1AZIQ\_RC0C.00.6B.41\_007).

F03

1. Adjust Clear CMOS process.

F02

- 1.Update ME (SPS\_E3\_06.02.04.008) and Micocode (Microcode\_400) for PVT version.

F01

- 1.First release for PVT version.