

# BIOS Release Notes

## TITLE

**SUBJECT:** MZX3-MG0 BIOS Release Notes version R07\_F07  
**System:** MZX3-MG0-000,XV23-ZX0-AAJ1-000,XV23-ZX0-IAJ1-000,CSC401-00

### About This Release

**Build Date:** 2025/03/05  
**BIOS Checksum:** 0x60F01E5E (64M)  
**Release Owner:** Ian.Liu

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Turin / Genoa Processors  
**System hardware configurations supported:** MZX3-MG0-000  
**PCB Version:** 1.x,3.x  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
Turin A0	Family 1Ah Model 00-0Fh	0x0B00004D
Turin B0	Family 1Ah Model 00-0Fh	0x0B001016
Turin C0	Family 1Ah Model 00-0Fh	0x0B00202E
Turin C1	Family 1Ah Model 00-0Fh	0x0B00211E
Turin Dense A0	Family 1Ah Model 10-1Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 10-1Fh	0x0B101025

**IPMI support:**  
**Insyde Kernel version:** AMD\_Turin\_MultiBoard\_Rev5.6\_v05.61.43.0016  
**AGESA PI version:** TurinPI 1.0.0.3  
**OPROM version:**

OPROM	Version
AST2600	1.13.04

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MZX3-MG0\_R07\_F07.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.
3. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number

## BIOS Release Notes

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

R07 (2025/03/05)

1. Fine tune PXE boot behavior.

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R06 (2025/02/26)

1. Enable cold reset.
2. Fine tune SMBIOS type 39 (This function need BMC 23.08.31 or later version).
3. Fine tune BMC info on POST info.

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R05 (2025/02/14)

1. Change DDR max frequency from 6000 to 6400.

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R04 (2025/01/25)

1. Update Turin AGESA 1.0.0.3 .
2. Fine tune BMC info on setup.
3. Fine tune warm reset behavior.

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R03 (2024/12/30)

1. Update Turin AGESA 1.0.0.2 .
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## BIOS Release Notes

R02 (2024/12/20)

1. Optimize MBID compatibility.
2. Fine tune Pcie for SKU XV23-ZX0-IAJ1-000.
3. Disable POST CODE to Serial Port.
4. Fine tune Secure Boot and OEM PK key.
5. Fine tune SMBIOS Type41.
6. Fine tune ISCSI BDS behavior.
7. Update Genoa AGESA version to 1.0.0.C.
8. Fine tune Setup Power Policy NUMA item.
9. Fine tune Setup Power Policy XGMI item.
10. Default disable Secure Boot.

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R01 (2024/11/18)

1. First release.
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