

# BIOS Release Notes

## TITLE

**SUBJECT:** MZ13-SH0 BIOS Release Notes version R04\_F21  
**System:** MZ13-SH0-000,H253-Z10-AAU1-000,H253-Z10-LAU1-000,  
H253-Z10-IAU1-000,H253-Z10-AAP1-000,H253-Z10-LAP1-000,  
H253-Z10-IAP1-000,H253-Z10-AAM1-000,H253-Z10-LAM1-000,  
H253-Z10-IAM1-000,H253-Z11-AAP1-000

## About This Release

**Build Date:** 2024/11/27  
**BIOS Checksum:** 0x752C026D (32M)  
**Release Owner:** Hex.Jan

## BIOS Components/Contents

**Processor stepping(s) supported:** AMD Turin / Genoa Processors  
**System hardware configurations supported:** MZ13-SH0-000  
**PCB Version:** 1.x,3.x  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
Turin A0	Family 1Ah Model 00h-0Fh	0x0B00004D
Turin B0	Family 1Ah Model 00h-0Fh	0x0B001016
Turin C0	Family 1Ah Model 00h-0Fh	0x0B00202E
Turin C1	Family 1Ah Model 00h-0Fh	0x0B00211A
Turin Dense A0	Family 1Ah Model 00h-0Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 00h-0Fh	0x0B101025

**IPMI support:**  
**AMI Kernel version:** 5.35\_0ACST\_PI1.0.0.2\_016  
**AGESA PI version:** TurinPI 1.0.0.2  
**OPROM version:**

OPROM	Version
AST2600	1.13.00

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the MZ13-SH0\_R04\_F21.zip to a bootable diskette that use FAT/FAT32 format

# BIOS Release Notes

## 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
4. Flash script for bios update:
  - 4.1 For AMD EPYC 9004 series CPU, execute f\_GtoT.nsh
  - 4.2 For AMD EPYC 9005 series CPU, execute f.nsh
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. For AMD EPYC 9004 series CPU:
  - 3.1 Enter \Tool\WIN\afuwin32 and execute f\_GtoT.bat for Windows 32bit.
  - 3.2 Enter \Tool\WIN\afuwin64 and execute f\_GtoT.bat for Windows 64bit.
4. For AMD EPYC 9005 series CPU:
  - 4.1 Enter \Tool\WIN\afuwin32 and execute f.bat for Windows 32bit.
  - 4.2 Enter \Tool\WIN\afuwin64 and execute f.bat for Windows 64bit.
5. 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.[Feature] Update AGESA 1.0.0.2.
- 2.[Fix] Fix the network configuration switching issue in the BIOS Server Manager setup.
- 3.[Fix] Fix the issue where having too many installed devices causes the system to hang at the BIOS logo screen.

R03

- 1.[AGESA Updaate] Update AGESA 1.0.0.1  
Fix IPV6 DHCP behavior.

R02

- 1.Update correct bios\_version for Genoa bios(F19).

## BIOS Release Notes

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R01

1. First release.
  - 2.[AGESA update] Update GCT AGESA 1.0.0.0
  - 3.[Bug] Fix device inventory table.
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