

# BIOS Release Notes

## TITLE

**SUBJECT:** MZ43-G20 BIOS Release Notes version R14\_F39  
**System:** MZ43-G20-000,G293-Z40-AAP1-000,G293-Z41-AAP1-000,  
G293-Z42-AAP1-000,G293-Z42-IAP1-000,G293-Z42-IAP1-C40,  
G293-Z43-AAP1-000,TO15-Z40-AA01-000,TO15-Z40-IA01-000,  
G294-Z41-AAP2-000,G294-Z42-AAP1-000,G294-Z42-AAP1-LM0,  
G294-Z42-AAP2-000,G294-Z43-AAP2-000

## About This Release

**Build Date:** 2025/03/21  
**BIOS Checksum:** 0x72A45F5C (32M)  
**Release Owner:** Hex.Jan

## BIOS Components/Contents

**Processor stepping(s) supported:** AMD Turin / Genoa Processors  
**System hardware configurations supported:** MZ43-G20-000  
**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	0x0B002032
Turin C1	Family 1Ah Model 00h-0Fh	0x0B00211E
Turin Dense A0	Family 1Ah Model 00h-0Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 00h-0Fh	0x0B101028

**IPMI support:**  
**AMI Kernel version:** 5.35\_0ACST\_PI1.0.0.3\_017  
**AGESA PI version:** TurinPI 1.0.0.3  
**OPROM version:**

OPROM	Version
AST2600	1.13.00

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the MZ43-G20\_R14\_F39.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