

# BIOS Release Notes

## TITLE

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**SUBJECT:** MZ33-DC0 BIOS Release Notes version R32\_F45  
**System:** MZ33-DC0-000,MZ33-DC1-000,R163-Z30-AAB1-000,  
R163-Z30-AAG1-000,R163-Z30-AAB2-000,R163-Z30-AAG2-000,  
R163-Z32-AAB1-000,R163-Z32-AAG1-000,R163-Z32-AAC1-000,  
R163-Z32-AAH1-000,R163-Z32-AAC2-000,R163-Z32-AAH2-000,  
E163-Z30-AAB1-000,E163-Z30-AAG1-000,R263-Z30-AAC1-000,  
R263-Z30-AAH1-000,R263-Z30-AAC2-000,R263-Z30-AAH2-000,  
R263-Z32-AAC1-000,R263-Z32-AAD1-000,R263-Z32-AAH1-000,  
R263-Z32-AAV1-000,E263-Z30-AAD1-000,E263-Z30-AAV1-000,  
R163-Z35-AAC1-000,R163-Z35-AAH1-000,R263-Z34-AAC1-000,  
R263-Z34-AAH1-000,R263-Z36-AAD1-000,R263-Z36-AAV1-000,  
R263-Z36-AAE1-000,R263-Z36-AAJ1-000,R263-Z37-AAC1-000,  
R263-Z37-AAH1-000,R263-Z30-AAC2-IF0-SW-001,  
R163-Z32-AAC1-IF0-SW-002,R163-Z34-AAC1-000,R163-Z34-AAH1-000,  
E163-Z34-AAC1-000,E163-Z34-AAH1-000,E263-Z34-AAE1-000,  
E263-Z34-AAJ1-000,R163-Z36-AAJ2-000,R263-Z39-AAJ2-000,  
R263-Z37-AAH1-YS0-SW-001,R263-Z37-AAH2-000

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### About This Release

**Build Date:** 2026/04/01  
**BIOS Checksum:** 0x67D84D05 (32M)  
**Release Owner:** Nelson.Lin

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Turin / Genoa Processors  
**System hardware configurations supported:** MZ33-DC0-000, MZ33-DC1-000  
**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	0x0B00215A
Turin Dense A0	Family 1Ah Model 00h-0Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 00h-0Fh	0x0B101054

**IPMI support:**  
**AMI Kernel version:** 5.35\_0ACST\_PI1.0.0.9\_023

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**AGESA PI version: TurinPI 1.0.0.9**

**OPROM version:**

OPROM	Version
AST2600	1.13.00

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the MZ33-DC0\_R32\_F45.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
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