

# BIOS Release Notes

## TITLE

**SUBJECT:** MZ83-HD0 BIOS Release Notes version R02\_F30  
**System:** MZ83-HD0-000,MZ83-HD2-000,H273-Z80-AAN1-000,  
H273-Z80-AAW1-000,H273-Z80-LAN1-000,H273-Z80-LAW1-000,  
H273-Z81-AAN1-000,H273-Z81-AAW1-000,H273-Z81-LAN1-000,  
H273-Z81-LAW1-000,H273-Z82-AAN1-000,H273-Z82-AAW1-000,  
H273-Z82-IAW1-000,H273-Z83-AAN1-000,H273-Z83-AAW1-000,  
H273-Z82-AA51-ZB0,H273-Z84-AAW1-000,H273-Z85-AAW1-000,  
H273-Z82-AAW1-SC0,H273-Z84-LAW1-000,H273-Z85-LAW1-000,  
H273-Z85-LAZ1-000,H173-Z80-LAS1-000,H173-Z80-IAS1-000,  
H173-Z80-LAS1-GB0

## About This Release

**Build Date:** 2024/11/27  
**BIOS Checksum:** 0x733B8773 (32M)  
**Release Owner:** Hex.Jan

## BIOS Components/Contents

**Processor stepping(s) supported:** AMD Turin / Genoa Processors  
**System hardware configurations supported:** MZ83-HD0-000, MZ83-HD2-000  
**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
VR	E803

# BIOS Release Notes

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the MZ83-HD0\_R02\_F30.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

R02

- 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.

R01

1. First release.

## BIOS Release Notes

---