

BIOS Release Notes

TITLE

SUBJECT: MZ83-HD0 BIOS Release Notes version R07_F34
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: 2025/03/05
BIOS Checksum: 0x7160AE28 (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	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
VR	E803

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Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ83-HD0_R07_F34.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 during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version