

BIOS Release Notes

TITLE

SUBJECT: MZ73-LM0 BIOS Release Notes version R07_F33
System: MZ73-LM0-000

About This Release

Build Date: 2024/11/29
BIOS Checksum: 0x75E85D75 (32M)
Release Owner: Hex.Jan

BIOS Components/Contents

Processor stepping(s) supported: AMD Turin / Genoa Processors
System hardware configurations supported: MZ73-LM0-000
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 MZ73-LM0_R07_F33.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.

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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

R07

1. [Fix] Prevent BSOD in the Best Performance mode.

R06

- 1.[Feature] Fixed USB Tree.

R05

- 1.[Feature] AGESA 1.0.0.2.
- 2.[Feature] Add MB Version3.2.
- 3.[Feature] MAX MEMORY SIZE PER DIMM follow SPEC setting.

R04

- 1.[Feature] AGESA 1000 NDA_Patch3 .

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- 2.[Feature] Correct SATA Information on setup page.

R03

- 1.[Function] Fixed slot3 OptionROM Disabled .

R02

- 1.[AGESA] AGESA 1.0.0.0 RC1.
- 2.[Feature] Fixed ECC function.
- 3.[Feature] Fixed NMI function.
- 4.[Mapping Table] inventory ver03.

R01

- 1.[Feature] First Release.
 - 2.[Feature] Add SLS SATA Detect function.
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