

BIOS Release Notes

TITLE

SUBJECT: MZ73-LM1 BIOS Release Notes version R10_F36

System: MZ73-LM1-000,MZ73-LM2-000

About This Release

Build Date: 2024/11/28

BIOS Checksum: 0x73EDED9 (32M)

Release Owner: Hex.Jan

BIOS Components/Contents

Processor stepping(s) supported: AMD Turin / Genoa Processors

System hardware configurations supported: MZ73-LM1-000, MZ73-LM2-000

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-LM1_R10_F36.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

R10

- 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.

R09

1. [Feature] Update MZ73-LM2 Redriver v20241022A.

R08

1. [Feature] Fixed LAN MAC Disabled fail.(Boadcom57416 lanmac show erro)
2. [Feature] Update MZ73-LM2 Redriver v20241018A.

R07

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1. [Feature] Fixed MZ73-LM2 VR load fail.
2. [Feature] Prevent AC Loss send 0xF to BMC, the BMC power policy will change to always-off status.

R06

1. [Feature] Sync with Genoa solution for fix PCIe Linke speed couldn't modify by bios item.
2. [Feature] AGESA 1000 NDA_Patch3 .
3. [Feature] MZ73-LM1 no sku support.

R05

1. [Feature] MZ73-LM1 inventory_04.
2. [AGESA] 1.0.0.0 NDA
3. [Feature] Fixed Sata page on setupmenu.

R04

1. [Function] 1. Detect VR Code Program by SKU MZ73-LM2.

R03

1. [Function] Add MZ73-LM2 Function.

R02

1. [Feture] update inventory_03.
2. [AGESA] 1.0.0.0 RC1.
3. [Feture] Fixed NMI function.
4. [Feture] ECC function.
5. [Project] Add MZ73-LM2 SKU.

R01

1. [Feature] First Release.
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