

BIOS Release Notes

TITLE

SUBJECT: MZ33-AR1 BIOS Release Notes version R05_F04
System: MZ33-AR1-000

About This Release

Build Date: 2024/10/08
BIOS Checksum: 0x79CD3B35 (32M)
Release Owner: Iris.Chang

BIOS Components/Contents

Processor stepping(s) supported: AMD Turin / Genoa Processors
System hardware configurations supported: MZ33-AR1-000
PCB Version: 1.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	0x0B00202B
Turin C1	Family 1Ah Model 00h-0Fh	0x0B002116
Turin Dense A0	Family 1Ah Model 00h-0Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 00h-0Fh	0x0B101021

IPMI support:
AMI Kernel version: 5.35_0ACST_PI1.0.0.0_014_Patch3
AGESA PI version: TurinPI 1.0.0.0
OPROM version:

OPROM	Version
AST2600	1.13.01

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ33-AR1_R05_F04.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. Execute F.nsh for bios update
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. Enter \Tool\afuwin32 and execute f.bat for Windows 32bit.
Or
Enter \Tool\afuwin64 and execute f.bat for Windows 64bit.
4. 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

R05

- 1.[Fixed] Sata info match spec.
- 2.[Feature] Prevent AC Loss send 0xF to BMC, the BMC power policy will change to always-off status.

R04

- 1.[Fixed] NVME HOT PLUG Function .
- 2.[Feature] Correct SATA Information on setup page.

R03

- 1.[Feature] AGESA 1000 NDA_Patch3 .
- 2.[Feature] Correct SATA Information on setup page.
- 3.[Feature] Sync with Genoa solution for fix PCIe Linke speed couldn't modify by bios item.

R03a

- 1.[Feature] USB Tree setting.

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R02

- 1.[Feature]Fixed WebUI Display.
 - 2.[Feature]Fixed SATA Display on setupmenu.
 - 3.Fix F12 hot key is no functioning issue.
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R01

- 1.[Feature]update inventory_02.
 - 2.[AGESA] 1.0.0.0 RC1.
 - 3.[Feature]Hot plug function.
 - 4.[Feature]ECC function.
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