BIOS Release Notes

TITLE

SUBJECT: MZ13-SH0 BIOS Release Notes version R04_F21
System: MZ13-SH0-000,H253-Z10-AAU1-000,H253-Z10-LAU1-000,
                 H253-Z10-IAU1-000,H253-Z10-AAP1-000,H253-Z10-LAP1-000,
                 H253-Z10-IAP1-000,H253-Z10-AAM1-000,H253-Z10-LAM1-000,
                 H253-Z10-IAM1-000,H253-Z11-AAP1-000

About This Release

Build Date: **2024/11/27**
BIOS Checksum: **0x752C026D (32M)**
Release Owner: **Hex.Jan**

BIOS Components/Contents

Processor stepping(s) supported: AMD Turin / Genoa Processors
System hardware configurations supported: MZ13-SH0-000
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 MZ13-SH0_R04_F21.zip to a bootable diskette that use FAT/FAT32
    format

BIOS Release Notes

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