BIOS Release Notes

TITLE

SUBJECT:	MZX3-MG0 BIOS Release Notes version F16
System:	MZX3-MG0-000,XV23-ZX0-AAJ1-000,XV23-ZX0-IAJ1-000,CSC401-00

About This Release

Build Date: **2026/01/30**
BIOS Checksum: **0xAEEFD1AA (64M)**
Release Owner: **Ian.Liu**

BIOS Components/Contents

Processor stepping(s) supported: AMD Genoa Processors
System hardware configurations supported: MZX3-MG0-000
PCB Version: 1.x,3.x
Microcode updates versions:

CPUID	Family	Microcode Update ID
Genoa B0	Family 19h Model 10-1Fh	0x0A101020
Genoa B1	Family 19h Model 10-1Fh	0x0A101158
Genoa B2	Family 19h Model 10-1Fh	0x0A101253
Bergamo A0	Family 19h Model 10-1Fh	0x0AA00009
Bergamo A1	Family 19h Model 10-1Fh	0x0AA00116
Bergamo A2	Family 19h Model 10-1Fh	0x0AA0021C

IPMI support:
Insyde Kernel version: Geona_05.54.13.0025
AGESA PI version: GenoaPI 1.0.0.G
OPROM version:

OPROM	Version
AST2600	1.12.00

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZX3-MG0_F16.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. 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\Win32 and execute f.bat for Windows 32bit.
   Or
   Enter \Tool\Win64 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.
3. BMC 23.08.xx is End of Support, so tar.gz file only support 24.06.xx or last version.

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

F16

1.Support BMC 24.06.xx.

F15

1. Fix single CPU hang code.

F14

1. Update BIOS version.

F13

1. Kernel update AGESA 1.0.0.G
2. Modify Window power button shutdown function fail
3. Support H2OUVE tool bios setup recover
4. Update VR-ROM
5. Retry 3 times when In-Band IPMI command fail
6. Fix RAS Memory Disabled
7. Turn on PcdH2OUveSupported

BIOS Release Notes

F12

1. Update AGESA 1.0.0.F kernel.
2. Update DDR manufacturer information.
3. CVE-2024-13176.

F11

1. Update AGESA 1.0.0.E kernel.

F10

1. Fix backup BIOS flash active BIOS IPMI command.

F09

1. Fix win flash tool flash backup BIOS fail.

F08

1.Fine tune resource for NVME hotplug function.

F07

1. Update BIOS version.

F06

1. Enable cold reset.
2. Fine tune SMBIOS type 39 (This function need BMC 23.08.31 or later version).
3. Fine tune BMC info on POST info.

F05

1. Update BIOS version.

F04

1. Update BMC firmware version format.

F03

1. Update AGESA 1.0.0.2.

F02

1. Update AGESA version to 1.0.0.D.
2. Fixed AGESA 1.0.0.D Redfish error.
3. Optimize MBID compatibility.
4. Fine tune Setup Power Policy NUMA item.
5. Fine tune SMBIOS Type41.
6. Fine tune Secure Boot and OEM PK key.

F01

1. First release.
