

BIOS Release Notes

TITLE

SUBJECT: MZB3-G43 BIOS Release Notes version F16
System: G593-ZX1-AAX1-000,G593-ZX1-LAX1-000

About This Release

Build Date: 2025/01/23
BIOS Checksum: 0xBF35C8A8 (32M)
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: AMD Genoa Processors
System hardware configurations supported: MZB3-G43-000
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	0x0A101148
Genoa B2	Family 19h Model 10-1Fh	0x0A101248
Bergamo A0	Family 19h Model 10-1Fh	0x0AA00009
Bergamo A1	Family 19h Model 10-1Fh	0x0AA00116
Bergamo A2	Family 19h Model 10-1Fh	0x0AA00215

IPMI support:
AMI Kernel version: 5.27_GenoaCrb_0ACQT025
AGESA PI version: GenoaPI 1.0.0.C
OPROM version:

OPROM	Version
AST2600	1.12.00

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZB3-G43_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.

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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

F16

1. [Feature] Formal release F16 BIOS.

F16a

1. [Feature] update default year from 2024 to 2025
2. [Feature] Enhance device compatibility.

F15

1. [Feature] Update AGESA 1.0.0.C
2. [Feature] Optimize Webui information.

F14

1. [Feature] Optimize BcpPro tool compatibility.
2. [Feature] Optimize system compatibility.

F13

1. [BUG] Fixed AC Power loss funciton.
2. [Feature] Optimize WebUI PCI information.

F12

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1. [Feature] Support MI300X secure verify feature.

F11

1. Optimize WebUI Function.

F10

1. Optimize AC Loss feature. (In Redfish function: only support command "PowerRestorePolicy")

F09

1. Enhance PCIe compatibility.
2. Update Inventory v16.

F08

1. Optimize RedFish feature.
 2. Optimize PCIe IRQ.
 3. Support G593-ZX1-AAX1 and G593-ZX1-LAX1 system.
 4. Update Re-Driver for G593-ZX1-AAX1 and G593-ZX1-LAX1 system.
 5. Update inventory v14.
 6. Fixed POST information incorrect.
 7. Optimize PCIe topology.
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