BIOS Release Notes

TITLE

SUBJECT: MZ83-HD1 BIOS Release Notes version F17
System: MZ83-HD1-000,G363-ZR0-AAX1-000,G363-ZR0-LAX1-000,
G363-ZR0-AAX2-000,G363-ZR0-AAX4-000

About This Release

Build Date: **2025/02/26**
BIOS Checksum: **0xBE0277E2 (32M)**
Release Owner: **Auto.Build(Candy.Wu)**

BIOS Components/Contents

Processor stepping(s) supported: AMD Genoa Processors
System hardware configurations supported: MZ83-HD1-000
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	0x0A101154
Genoa B2	Family 19h Model 10-1Fh	0x0A10124F
Bergamo A0	Family 19h Model 10-1Fh	0x0AA00009
Bergamo A1	Family 19h Model 10-1Fh	0x0AA00116
Bergamo A2	Family 19h Model 10-1Fh	0x0AA00219

IPMI support:
AMI Kernel version: 5.27_GenoaCrb_0ACQT027
AGESA PI version: GenoaPI 1.0.0.E
OPROM version:

OPROM	Version
AST2600	1.13.01

Installation Notes

IMPORTANT NOTES:
1. Please extract the MZ83-HD1_F17.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

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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 <DEL> during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

F17
1. [Feature] Update AGESA 1.0.0.E.
2. [Security] CVE-2024-56161, CVE-2024-36347, CVE-2024-38796

F16
1.[Feature] Update AGESA 1.0.0.D.
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.

F15
1. [Feature] Added G363-ZR0-AAX4-000 system support.
2. [Feature] Update Inventory v09.

F14
1. [Security Update] PKfail issue.
2. [Feature] Optimize WebUI HDD Inventory information.
3. [Feature] Optimize CX7 WubUI Inventory information.
4. [Feature] Enhance PCIE compatibility.

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F13

1. [Feature] Fine tune BMC IPv6 and IPv4 Network.
2. Remove item "Boot mode select".
3. Remove not available Redfish items:
Secure Boot (SECB001)
Boot mode select (FBO001)
ACPI SLIT local inter-CXL distance (Genoa128)
ACPI SLIT remote inter-CXL distance (Genoa129)
IPv6 BMC Lan Option (IPMI601)
IPv6 BMC Lan IP Address Source (IPMI602)
4. Change item "Endless Retry Boot" Redfish AttributeName from "Genoa834" to "GBT0168" .
5. Update GBT Channel Genoa AGESA 1.0.0.C.
6. Secure update: CVE-2023-31355, CVE-2024-21978, CVE-2024-21980, CVE-2023-31315

F12

1. Optimize GBT Channel Genoa Agesa 1.0.0.C.

F11

1. Update GBT Channel Genoa AGESA 1.0.0.C.
2. Secure update: CVE-2024-21965, CVE-2023-31351, CVE-2023-20582, CVE-2023-31340, CVE-2024-21978, CVE-2024-21980, CVE-2023-31355, CVE-2023-5678, CVE-2023-45236, CVE-2023-45237, CVE-2023-2650, CVE-2023-3817, CVE-2023-31315

F10

1. Update GPU Secure function.
2. Enhance PCIe compatibility.
3. Enhance endless boot feature.

F09

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

F08

1. Enhance PCIe compatibility.

F07

1. Optimize Redfish compatibility.

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F06

      1. Update GBT Channel Genoa AGESA 1.0.0.B.
      2. Support Endless Retry PXE feature.
      3. Secure update: CVE-2023-31346, CVE-2023-31347, CVE-2023-39538, CVE-2023-39539, CVE-2023-45229, CVE-2023-45230, CVE-2023-45231, CVE-2023-45232, CVE-2023-45233, CVE-2023-45234, CVE-2023-45235.

F05

      1. Optimize default year 2024.
      2. Fixed X710 LAN Mac issue in Legacy mode.

F04

      1. Fixed yellow bang in windows.
      2. Fixed Redfish item fail issue.
      3. Enhance Redfish feature.
      4. Enhance NVMe hotplug feature.
      5. Added Power btn control item.
      6. Optimize SMBIOS compatibility.
      7. Update AGESA 1.0.0.A.

F03

      1. Update AGESA 1.0.0.9.
      2. Fixed system full DIMM reboot issue.
      3. Fixed BIOS recovery issue.
      4. Update inventory v08.
      5. Optimize PCIE LAN card compatibility.
      6. Optimize SMBIOS compatibility.
      7. Optimize PCIe LAN card compatibility.
      8. Optimize system inventory compatibility.

F02

      1. Added G363-ZR0-AAX2-000 system support.
      2. Update inventory v07.
      3. Resume GPU default settings.

F01

      1. First release.