

# BIOS Release Notes

## TITLE

---

**SUBJECT:** MZ33-DC0 BIOS Release Notes version F13  
**System:** MZ33-DC0-000,MZ33-DC1-000,R163-Z30-AAB1-000,  
R163-Z30-AAG1-000,R163-Z30-AAB2-000,R163-Z30-AAG2-000,  
R163-Z32-AAB1-000,R163-Z32-AAG1-000,R163-Z32-AAC1-000,  
R163-Z32-AAH1-000,R163-Z32-AAC2-000,R163-Z32-AAH2-000,  
E163-Z30-AAB1-000,E163-Z30-AAG1-000,R263-Z30-AAC1-000,  
R263-Z30-AAH1-000,R263-Z30-AAC2-000,R263-Z30-AAH2-000,  
R263-Z32-AAC1-000,R263-Z32-AAD1-000,R263-Z32-AAH1-000,  
R263-Z32-AAV1-000,E263-Z30-AAD1-000,E263-Z30-AAV1-000,  
R163-Z35-AAC1-000,R163-Z35-AAH1-000,R263-Z34-AAC1-000,  
R263-Z34-AAH1-000,R263-Z36-AAD1-000,R263-Z36-AAV1-000,  
R263-Z36-AAE1-000,R263-Z36-AAJ1-000,R263-Z37-AAC1-000,  
R263-Z37-AAH1-000

---

### About This Release

**Build Date:** 2024/01/10  
**BIOS Checksum:** 0xBE8FA798 (32M)  
**Release Owner:** Auto.Build(Candy.Wu)

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Genoa Processors  
**System hardware configurations supported:** MZ33-DC0-000, MZ33-DC1-000  
**PCB Version:** 1.x  
**Microcode updates versions:**

| CPUID      | Family                  | Microcode Update ID |
|------------|-------------------------|---------------------|
| Genoa B0   | Family 19h Model 10-1Fh | 0x0A101020          |
| Genoa B1   | Family 19h Model 10-1Fh | 0x0A101144          |
| Genoa B2   | Family 19h Model 10-1Fh | 0x0A101244          |
| Bergamo A0 | Family 19h Model 10-1Fh | 0x0AA00009          |
| Bergamo A1 | Family 19h Model 10-1Fh | 0x0AA00116          |
| Bergamo A2 | Family 19h Model 10-1Fh | 0x0AA00213          |

**IPMI support:**  
**AMI Kernel version:** 5.27\_GenoaCrb\_0ACQT023  
**AGESA PI version:** GenoaPI 1.0.0.A  
**OPROM version:**

| OPROM   | Version |
|---------|---------|
| AST2600 | 1.12.00 |

# BIOS Release Notes

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the MZ33-DC0\_F13.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.

### 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

F13

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

-----  
F12

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.
-

## BIOS Release Notes

F11

1. Optimize SMBIOS compatibility.
  2. Optimize PCIe LAN card compatibility.
  3. Optimize system inventory compatibility.
- 

F10

1. Modify Gen5 systems hotplug table.
  2. Optimize R263-Z37-AAC1/AAH1 PCIE SLOT compatibility.
  3. Update AGESA 1.0.0.9.
  4. Fixed system full DIMM reboot issue.
  5. Fixed BIOS recovery issue.
  6. Optimize SMBIOS compatibility.
  7. Update System Inventory information v56.
- 

F09

1. Update AGESA 1.0.0.8.
  2. Enable MCTP feature.
  3. Modify SATA Mode item default from "AHCI AS ID 0X7904" to "ACHI".
  4. Update System Inventory information v43.
  5. Optimize USB compatibility.
  6. Update VR firmware vG006.
- 

F08

1. Adjusted BMC Watch Dog timer.
  2. Optimize Chelsio cards compatibility.
  3. Added R263-Z36-AAD1-000,R263-Z36-AAV1-000,R263-Z36-AAE1-000,R263-Z36-AAJ1-000,R263-Z37-AAC1-000,R263-Z37-AAH1-000 system support.
  4. Optimize Hotplug compatibility.
- 

F07

1. Update Inventory Mapping system.
  2. Fixed COM Port mouse is not working.
  3. Added DIMM Manufacturer ID 0x1A08.
  4. Fixed NVME LED control failed.
  5. Fixed SATA LED Control failed.
  6. Adjust the display order of NVME devices list.
  7. Added R163-Z35-AAC1-000, R163-Z35-AAH1-000, R263-Z34-AAC1-000, R263-Z34-AAH1-000 systems support.
- 

F06

1. Updated AGESA 1.0.0.5.

## BIOS Release Notes

2. Fixed SATA incorrect issue on WebUI page.

---

F05

1. Added system R163-Z30-AAG1-000, R163-Z30-AAG2-000, R163-Z32-AAG1-000, R163-Z32-AAH1-000, R163-Z32-AAH2-000, E163-Z30-AAG1-000, R263-Z30-AAH1-000, R263-Z30-AAH2-000, R263-Z32-AAD1-000, R263-Z32-AAV1-000, E263-Z30-AAV1-000 support.

---

F04

1. fixed sata hot plug function.

---

F03

1. Fine tune memory slot naming.

---

F02

1. Update AGESA 1.0.0.2.
2. Update Microcode.
3. Support Bergamo CPU.

---

F01

1. First release.
-