

# BIOS Release Notes

## TITLE

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**SUBJECT:** MZ31-AR0 BIOS Release Notes version [M05\\_R34](#)  
**System:** [G221-001-AM](#), [G221-Z30-00](#), [G221-Z30-ES-Waseda-001](#), [MZ31-AR0-00](#),  
[R151-001-00](#), [R151-Z30-00](#), [R151-Z31-00](#), [R151-Z32-00](#),  
[R270-Z30-ES-AMD-001](#), [R271-Z31-00](#), [R271-Z31-ES-AMD-001](#), [S451-Z30-00](#)

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### About This Release

**Build Date:** [2021/05/12](#)  
**BIOS Checksum:** [0x97E59E2A](#) (32M)  
**Release Owner:** Ben3.Lin

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Milan processors, AMD Rome processors  
**System hardware configurations supported:** MZ31-AR0

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the zip file 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

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### BIOS UPDATE INSTRUCTIONS FOR Web UI:

1. Connect BMC\_IP by Internet browser.
2. Click Web-UI sub-page button "Update".
3. Select Firmware Type to ROM.
4. Use Command Shell.
5. cd to /RBU.
6. Select File Path to image.RBU.
7. Click Upload.

### BIOS UPDATE INSTRUCTIONS FOR GbtUtility:

1. Please copy the BIOS\_ZIP file to GbtUtility folder.
2. Use Command Shell.
3. cd to GbtUtility folder.
4. Execute "java -jar GbtUtility.jar -H BMC\_IP update bios BIOS\_ZIP 1".

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### Known Issues/Workarounds

### Issues fixed in this version

- 1 . Milan CPU please reference Relnotes\_MZ31-AR0\_Milan.pdf
- 2 . Rome CPU please reference Relnotes\_MZ31-AR0\_Rome.pdf