

# BIOS Release Notes

## TITLE

**SUBJECT:** ME33-AR0 BIOS Release Notes version F07  
**System:** ME33-AR0-000

### About This Release

**Build Date:** 2024/05/31  
**BIOS Checksum:** 0xBBF1E86E (32M)  
**Release Owner:** Ray.Xu

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Siena Processors  
**System hardware configurations supported:** ME33-AR0-000  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
Bergamo	Bergamo A0	0x0AA00009
Bergamo	Bergamo A1	0x0AA00116
Bergamo	Bergamo A2	0x0AA00212

**IPMI support:**  
**AMI Kernel version:** 5.30\_SienaCrb\_0ACSF013  
**AGESA PI version:** GenoaPI 1.0.0.C  
**OPROM version:**

OPROM	Version
AST2600	1.13.00

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the ME33-AR0\_F07.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.

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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

F07

1. Update AGESA 1.0.0.C
2. Secure update: CVE-2023-31355, CVE-2024-21978, CVE-2024-21980, CVE-2023-31315, 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

F06

1. Support PI 1.0.0.A
2. Support Apacer RDIMM 32G 4800

F05

1. Support PI 1.0.0.9

F04

1. Support LZMA module

F03

1. Support PI 1.0.0.1

F02

1. Support VR ROM (Ver:H100)

F01

## BIOS Release Notes

1.First Release.

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