

# BIOS Release Notes

## TITLE

**SUBJECT:** ME33-DC0 BIOS Release Notes version F05  
**System:** ME33-DC0-000,R143-E30-AAB1-000,R143-E30-AAG1-000,  
R143-E32-AAC1-000,R143-E32-AAH1-000,E143-E30-AAB1-000,  
E143-E30-AAG1-000,R243-E30-AAC1-000,R243-E30-AAH1-000,  
R243-E33-AAF1-000,R243-E33-AAL1-000,E243-E30-AAD1-000,  
E243-E30-AAV1-000

## About This Release

**Build Date:** 2025/04/28  
**BIOS Checksum:** 0xB799E8BB (32M)  
**Release Owner:** Ray.Xu

## BIOS Components/Contents

**Processor stepping(s) supported:** AMD Siena Processors  
**System hardware configurations supported:** ME33-DC0-000  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
Bergamo	Bergamo A0	0x0AA00009
Bergamo	Bergamo A1	0x0AA00116
Bergamo	Bergamo A2	0x0AA00219

**IPMI support:**  
**AMI Kernel version:** 5.30\_SienaCrb\_0ACSF016  
**AGESA PI version:** GenoaPI 1.0.0.F  
**OPROM version:**

OPROM	Version
AST2600	1.13.00

## Installation Notes

### IMPORTANT NOTES:

1. Please extract the ME33-DC0\_F05.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 <DEL> during POST
2. The bios version shows on the first main page

## Known Issues/Workarounds

### Issues fixed in this version

F05

1. [Feature] Update Agesa 1.0.0.F.
2. [Security] CVE-2024-0179, CVE-2024-21925, CVE-2024-38796, CVE-2023-52353, CVE-2024-9143, CVE-2023-6237, CVE-2024-5535, CVE-2024-6119, CVE-2024-7344, CVE-2025-22830, CVE-2024-36350, CVE-2024-36357, CVE-2024-36348, CVE-2024-36349, CVE-2024-56161, CVE-2024-36347.
3. [Fix] Redfish function cannot work.
4. [Fix] SATA LED show abnormal.

F04

1. [Security Update] PKfail issue.

F03

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

F02

- 1.Updated OCP card support list.

## BIOS Release Notes

F01

1.First Release.

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