

BIOS Release Notes

TITLE

SUBJECT: ME33-AR0 BIOS Release Notes version F09
System: ME33-AR0-000

About This Release

Build Date: 2025/04/28
BIOS Checksum: 0xB890598E (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	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-AR0_F09.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\afuwin32 and execute f.bat for Windows 32bit.

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

Known Issues/Workarounds

Issues fixed in this version

F09

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.

F08

1. [Security Update] PKfail issue.

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

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F04

1. Support LZMA module

F03

1. Support PI 1.0.0.1

F02

1. Support VR ROM (Ver:H100)

F01

- 1.First Release.
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