

BIOS Release Notes

TITLE

SUBJECT: MEG3-GU0 BIOS Release Notes version F07
System: MEG3-GU0-000,R143-EG0-AAB1-000,R143-EG0-AAB2-000,
R143-EG0-AAC1-000,R143-EG0-AAC2-000,R143-EG0-AAG1-000,
R143-EG0-AAG2-000,R143-EG0-AAH1-000,R143-EG0-AAH2-000,
R143-EG2-AAC1-000,R143-EG2-AAC2-000,R143-EG2-AAH1-000,
R143-EG2-AAH2-000,R143-EG4-AAG2-000,R143-EG4-AAC2-000,
R143-EG4-AAH2-000,R143-EG5-AAC2-000,R143-EG5-AAH2-000,
R243-EG0-AAE1-000,R243-EG0-AAF1-000,R243-EG0-AAL1-000,
E243-EG0-AAE1-000,E243-EG0-AAF1-000,E243-EG0-AAL1-000

About This Release

Build Date: 2025/04/28
BIOS Checksum: 0xB86866DC (32M)
Release Owner: Ray.Xu

BIOS Components/Contents

Processor stepping(s) supported: AMD Siena Processors
System hardware configurations supported: MEG3-GU0-000
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 MEG3-GU0_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

BIOS Release Notes

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.
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

F07

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.

F06

1. [Security Update] PKfail issue.

F05

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

F04

- 1.Support PI 1.0.0.A

BIOS Release Notes

2.Support Apacer RDIMM 32G 4800

F03

1.Support Agesa 1.0.0.9

F02

1.Support Agesa 1.0.0.1

F01

1.First Release.
