

BIOS Release Notes

TITLE

SUBJECT: MSG4-GU1 BIOS Release Notes version [F05](#)
System: [MSG4-GU1-000](#), [R164-SG5-AAV1-000](#), [R164-SG6-AAJ1-000](#), [R264-SG2-AAS1-000](#), [R264-SG2-AAS2-000](#), [R264-SG3-AAJ1-000](#), [R264-SG5-AAJ1-000](#)

About This Release

Build Date: [2024/12/27](#)
BIOS Checksum: [0xB5D57776](#) (16M), [0x54327001](#) (64M)
Release Owner: jeff.huang

BIOS Components/Contents

Processor stepping(s) supported: IntelR Granite Rapids-SP, Sierra Forest-SP processor
System hardware configurations supported: MSG4-GU1
Microcode updates versions:

CPUID	Family	Microcode Update ID
a06d0	Processor GNR A0	10000680
a06d1	Processor GNR B0	01000360
a06d1	Processor GNR R1S B0	0a000080
a06f3	Processor SRF C0	03000270

IPMI support:

AMI Kernel version: [Gbt_Kernel_067_08](#)

Intel CSI/MRC Package version: [3544.P22](#)

OPROM version :

OPROM	Version
AST2600 VGA	1.13.05
INTEL RAID PACKAGE	RSTe 9.0.0.1096

BIOS Release Notes

Installation Notes

IMPORTANT NOTES:

1. Please extract the MSG4-GU1_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.

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

Known Issues/Workarounds

Issues fixed in this version

F05

1. [Bug Fix] Update RC 3544.P22 (BKC 2024 WW48)
2. [Bug Fix] Update microcode:
GNR A0 MCU : m_95_a06d0_10000680
GNR B0 MCU : m_95_a06d1_01000360

BIOS Release Notes

GNR R1S B0 MCU : m_20_a06d1_0a000080

SRF C0 MCU : m_01_a06f3_03000270

3. [Bug Fix] Update VR solution : A9
-

F04

1. [Bug Fix] Fix the bug about device resource related function.
 2. [Bug Fix] Update AST2600 driver : 1.13.05
-

F03

1. [Feature] Update RC 3544P.08 (BKC 2024 WW43)
2. [Feature] Update microcode:

GNR A0 MCU : m_95_a06d0_10000680

GNR B0 MCU : m_95_a06d1_01000311

GNR R1S B0 MCU : m_20_a06d1_1a000080

SRF C0 MCU : m_01_a06f3_03000270

3. [Feature] Update Mapping table : R22
-

F02

1. [Bug Fix] Update Mapping table : v22
-

F01

1. [Feature] First release PVT BIOS.
 2. [Feature] Update Mapping table : v21
-

D03

1. [Bug Fix] Add intel patch for preventing boot failed with Samsung's specific dimms.
 2. [Bug Fix] Fix the bug about system will hang code after changing slot lanes.
 3. [Feature] Update Mapping table : v13
-

D02

1. [Feature] Update RC 34.D65 (BKC 2024 WW33)
2. [Feature] Update microcode:

GNR A0 MCU : m_95_a06d0_80000670

GNR B0 MCU : m_95_a06d1_810002e0

GNR R1S B0 MCU : m_20_a06d1_8a000030

SRF C0 MCU : m_01_a06f3_03000211

3. [Feature] VROC driver : 9.0.0.1096
 4. [Bug Fix] Fix the bug about incorrect ECC CE/UCE sel information.
-

D01

BIOS Release Notes

1. [Feature] First release.
-