

# BIOS Release Notes

## TITLE

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**SUBJECT:** MSG4-GU1 BIOS Release Notes version [F06](#)

**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](#)

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### About This Release

**Build Date:** [2025/02/11](#)

**BIOS Checksum:** [0xB4AAEDA5 \(flashabl.rom\)](#), [0x5307E630 \(image.bin\)](#), [0x52E0ECE5 \(PFR1.bin\)](#), [0x52C6FD86 \(PFR2.bin\)](#), [0x927E8906 \(PFRcap.bin\)](#)

**Release Owner:** [jeff.huang](#)

### BIOS Components/Contents

**Processor stepping(s) supported:** Intel® 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\\_26](#)

**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\_F06.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 <DEL> during POST
2. The bios version shows on the first main page

## Known Issues/Workarounds

### Issues fixed in this version

#### F06

1. [Bug Fix] Fix the bug about Slot I/O rom fail.
2. [Feature] Improve KCS protocol.

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#### F05

## BIOS Release Notes

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  
GNR R1S B0 MCU : m\_20\_a06d1\_0a000080  
SRF C0 MCU : m\_01\_a06f3\_03000270
  3. [Bug Fix] Update VR solution : A9
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### F04

1. [Bug Fix] Fix the bug about device resource related function.
  2. [Bug Fix] Update AST2600 driver : 1.13.05
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### 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
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### F02

1. [Bug Fix] Update Mapping table : v22
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### F01

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

## BIOS Release Notes

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

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D01

1. [Feature] First release.
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