

BIOS Release Notes

TITLE

SUBJECT: MSU4-MG0 BIOS Release Notes version [F07](#)

System: [MSU4-MG0-000](#), [XV24-SU0-AAJ1-000](#)

About This Release

Build Date: [2025/03/29](#)

BIOS Checksum: [0xB4D3684F](#) (flashabl.rom), [0x533060D6](#) (image.bin), [0x5302327C](#) (PFR1.bin), [0x52E8482E](#) (PFR2.bin), [0x92BFB3AE](#) (PFRcap.bin)

Release Owner: lulu.chuang

BIOS Components/Contents

Processor stepping(s) supported: IntelR Granite Rapids-SP, Sierra Forest-SP processor

System hardware configurations supported: MSU4-MG0

Microcode updates versions:

CPUID	Family	Microcode Update ID
a06d0	Processor GNR A0	10000680
a06d1	Processor GNR B0	01000380
a06d1	Processor GNR R1S B0	0a0000c0
a06f3	Processor SRF C0	03000330

IPMI support:

AMI Kernel version: [Gbt_Kernel_070_23](#)

Intel CSI/MRC Package version: [3544.P29](#)

OPROM version :

OPROM	Version
AST2600 VGA	1.13.05
INTEL RAID PACKAGE	RSTe 9.0.0.1096

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Installation Notes

IMPORTANT NOTES:

1. Please extract the MSU4-MG0_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
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

F07

1. [Feature] Support Microsoft Option ROM UEFI CA 2023 for Secure Boot
2. [Feature] Support GBTGSI feature.

F06

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1. [Feature] Update RC 3544.P29 (BKC 2025 WW03)

2. [Feature] Update microcode:

GNR A0 MCU : m_95_a06d0_10000680

GNR B0 MCU : m_95_a06d1_01000380

GNR R1S B0 MCU : m_20_a06d1_0a0000c0

SRF C0 MCU : m_01_a06f3_03000330

F05

1. [Bug Fix] Fix the bug about Slot I/O rom fail.

2. [Feature] Improve KCS protocol.

F04

1. [Feature] Update RC 3544.P22 (BKC 2024 WW48)

2. [Feature] 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. [Feature] Update VR solution : A3

F03

1. [Bug Fix] Fix the bug about device resource related function.

2. [Bug Fix] Update AST2600 driver : 1.13.05

F02

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

F01

1. [Feature] First PVT BIOS release.

2. [Bug Fix] Update Mapping table : R12

D13

1. [Feature] 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 : R11

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D12

1. [Bug Fix] Fine tune Microcode information.
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D11

1. [Feature] Update mapping table R10.
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D10

1. [Bug Fix] Fixed SVID of USB controller.
 2. [Feature] Update VR V2.
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D09

1. [Feature] Support GNR R1S B0 stepping CPU
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D08

1. [Bug Fix] Update USB mapping table.
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D07

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
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.
 5. [Feature] Update mapping table v0.9
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D06

1. [Feature] Update mapping table v0.9.
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D05

1. [Feature] Update SRF PROD/QS microcode : m_01_a06f3_03000211
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D04

1. [Feature] Update mapping table v0.7.
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D03

1. [Feature] Update VR version : A1.
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D02

BIOS Release Notes

1. [Bug Fix] Fix the bug about PCIe device out of resource.

D01

1. [Feature] First release.

E01

1. [Feature] First release.
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