

BIOS Release Notes

TITLE

SUBJECT: MVG3-MG0 BIOS Release Notes version [F19](#)

System: [MVG3-MG0-000,XH23-VG0-AAJ1-000](#)

About This Release

Build Date: [2025/02/05](#)

BIOS Checksum: [0x8F04D1BB](#) (32M), [0x8F049CEB](#) (32M CPU_SKU236)

Release Owner: Daniel.Zheng

BIOS Components/Contents

Processor stepping(s) supported: NVIDIA Grace

System hardware configurations supported: MVG3-MG0

PCB Version: 1.x

NVIDIA Firmware version: 02.02.04

ERoT version: 01.03.0136

FPGA version: FPGA_lego-cg1_0v96

OPROM version :

| OPROM | Version |
|---------|---------|
| AST2600 | 1.13.05 |

Installation Notes

IMPORTANT NOTES:

- Please extract the MVG3-MG0_F19.zip file to a bootable diskette that use FAT/FAT32 format

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.
3. Note: Please use fwpkg image to update (instead of RBU).

BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press during POST
2. The bios version shows on the first main page

BIOS UPDATE INSTRUCTIONS FOR Web UI:

1. Connect BMC_IP by Internet browser.
2. Click Web-UI sub-page button "Firmware Update".
3. Select File Path to *.fwpkg.
4. Click "Start firmware update".

BIOS UPDATE INSTRUCTIONS FOR GbtUtility:

1. Please copy the BIOS_ZIP file to GbtUtility folder.

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2. Use Command Shell.
3. cd to GbtUtility folder.
4. Execute "java -jar GbtUtility.jar -H BMC_IP hpmupdate bios BIOS_ZIP 1".

Known Issues/Workarounds

1. Some TPM in OS sometimes call trace.

Issues fixed in this version

F19 (2025/02/05)

1. [Feature] Support NVIDIA Chipset WebUI BIOS Item.
2. [Feature] Modify BIOS updates behavior.
3. [Feature] Update AST2600 UEFI Driver v1.13.05.
4. [Feature] Support Intel Lan UEFI driver.

F18 (2024/11/06)

1. Remove Mellanox CX7 duplicate MAC in boot option.
2. Add SMBIOS Type39 PSU detected.
3. Modify Redfish BiosAttribute item.

F18e (2024/10/14)

1. [Bug Fix] Fix Mellanox CX7 duplicate MAC in boot option.
2. [Bug Fix] Fix SMBIOS Type39 PSU detected issue.
3. [Bug Fix] Modify Redfish BiosAttribute item.

F18d (2024/09/28)

1. [Feature] Support Intel 200 series NIC UEFI Rom.
2. [Bug Fix] Remove Setup Platform SKUID information.

F18c (2024/09/23)

1. [Bug Fix] Modify SMBIOS Type4 second CPU speed information.

F18b (2024/09/13)

1. [Bug Fix] Fixed the SMBIOS Type4 CPU Family identification issue.
2. [Bug Fix] Fixed the display error for the second CPU speed in the Setup menu.

F18a (2024/09/09)

1. [Feature] Update NVIDIA Firmware 02.02.04

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F15 (2024/08/16)

1. [Bug Fix] Fix some SMBIOS fail items.

F15b (2024/08/12)

1. [Feature] Adjust Aspeed PCIE RC setting.

F15a (2024/08/09)

1. [Feature] Update NVIDIA Firmware 02.02.02

F13 (2024/08/06)

1. [Feature] Update NVIDIA Firmware 02.00.06
2. [Feature] Modify Network Stack IPv6 HTTP Options to Enabled.
3. [Feature] Update CVE Patch OpenSSL for CVE-2023-3446, CVE-2023-5363.
4. [Feature] Support SMBIOS Type2 MB Version 3.0+.
5. [Feature] Support SMBIOS Type4 Max Speed Info.
6. [Feature] Support Setup CPLD Information item.
7. [Feature] Fine tune Serial port console log.
8. [Bug Fix] Fix the Security PKfail issue.
9. [Bug Fix] Fix BIOS UEFI flash script update fail issue.
10. [Feature] Modify SSIF I2c clock to 400k.

F13c (2024/08/01)

1. [Feature] Support Setup CPLD Information item.
2. [Feature] Fine tune Serial port console log.
3. [Bug Fix] Fix the Security PKfail issue.

F13b (2024/07/26)

1. [Bug Fix] Fix BIOS item Grace configuration does not load default after flashing bios.
2. [Bug Fix] Fix BIOS UEFI flash script update fail issue.
3. [Feature] Support SMBIOS type4 Max Speed Info.

F13a (2024/07/19)

1. [Feature] Update NVIDIA Firmware 02.00.06
 2. [Feature] Support SMBIOS Type2 MB Version 3.0+.
 3. [Feature] Update CVE Patch OpenSSL for CVE-2023-3446, CVE-2023-5363.
 4. [Feature] Modify Network Stack IPv6 HTTP Options to Enabled.
 5. [Feature] Modify SSIF I2c clock to 400k.
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F11 (2024/07/02)

1. [Feature] Support NVIDIA CPU Fru smbios information.
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F10 (2024/06/07)

1. Update NVIDIA Firmware 02.00.03
 2. Adjust USB setting for GBT BMC.
 3. Update UEFI Gop driver version 1.13.04.
 4. Support GCT BIOS LogoFail CVE function check.
 5. Separate IPv6 gateway and router address in BIOS setup.
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F10c (2024/06/07)

1. Update UEFI Gop driver version 1.13.04.
 2. Support GCT BIOS LogoFail CVE function check.
 3. Separate IPv6 gateway and router address in BIOS setup.
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F10b (2024/05/30)

1. Fix SMBIOS type 3 Contained Element Record Length (m) incorrect value.
 2. Fix flash update BIOS capsule image error problem.
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F10a (2024/05/27)

1. Update NVIDIA Firmware 02.00.03
 2. Support GH200 SKU 236 config.
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F03b (2024/06/06)

1. Update UEFI Gop driver version 1.13.04.
 2. Support GCT BIOS LogoFail CVE function check.
 3. Differentiate IPv6 gateway and router address in BIOS setup.
 4. Fix SMBIOS type 3 Contained Element Record Length (m) incorrect value.
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F03a (2024/05/17)

1. Adjust USB setting for GBT BMC.
 2. Add RBU package web zip.
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F02 (2024/05/13)

1. Update CVE Patch LogoFAIL CVE-2023-39539 and CVE-2023-39538.
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F01 (2024/05/07)

1. PVT first release.

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2. Update NVIDIA Firmware 01.02.04
 3. CVE Patch LogoFAIL CVE-2023-39539 and CVE-2023-39538.
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