

# BIOS Release Notes

## TITLE

**SUBJECT:** MP72-HB0 BIOS Release Notes version [F31e](#)

**System:** [MP72-HB0-00](#)

### About This Release

**Build Date:** [2022/12/26](#)

**BIOS Checksum:** [0xC5877171](#) (32M)

**Release Owner:** Yuan.Chen

### BIOS Components/Contents

**Processor stepping(s) supported:** Ampere eMAG2 processors

**System hardware configurations supported:** MP72-HB0

**PCB Version:** 1.x

**Ampere Altra / Max SRP:** 2.10

**OPROM version :**

OPROM	Version
AST2600	

### Installation Notes

#### IMPORTANT NOTES:

- Please extract the MP72-HB0\_F31e.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.

#### BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press <DEL> 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 "Update".
3. Select Firmware Type to ROM.
4. Use Command Shell.
5. cd to /RBU.
6. Select File Path to image.RBU.
7. Click Upload.

#### BIOS UPDATE INSTRUCTIONS FOR GbtUtility:

1. Please copy the BIOS\_ZIP file to GbtUtility folder.
2. Use Command Shell.

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3. cd to GbtUtility folder.
4. Execute "java -jar GbtUtility.jar -H BMC\_IP update bios BIOS\_ZIP 1".

## Known Issues/Workarounds

## Issues fixed in this version

F31e (2022/12/26)

1. Adjust ROT protected data offset.

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F31d (2022/11/28)

1. Modify the Redfish inventory PCIe Lan Firmware version string when no OPRM loading.
2. Support SMBIOS Type130 serial number, part number.
3. Add release note format SRP and PCB version information.
4. Disable NVMe system SKU auto bifurcation patch.

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F31c (2022/11/16)

1. Adjust SCP, ATF version to 2.10.
2. Default Enable Setup TPM.

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F31b (2022/10/25)

1. Support BIOS CEC1712 key.

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F31a (2022/10/17)

1. Re-define BIOS version for cpu supported, BIOS F3x or later -> Altra/ Altra Max supported.

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F21i (2022/10/14)

1. Support PCI/PCIe Error and Memory Error not to stop at POST.
2. Default Enable boardsetting PCIe AER Firmware-First.

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F21h (2022/09/30)

1. Update Release Note pdf format.

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F21g (2022/09/26)

1. Update SRP 2.10a.

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2. Fix system auto reset loop after PXE IPv6 boot fail issue.

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F21f (2022/09/02)

1. Support BIOS master and backup hpm image.

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F21e (2022/08/25)

1. Modify SMBIOS Type130 Current Link speed to Max Link speed.
2. Disable PCIe auto bifurcation function when bifurcation mode is manual.
3. Adjust SMBIOS Type130, Type131 Subsystem, SubVendor ID.
4. Support NVParam TPM DISABLE/ENABLE control by Setup TPM item.

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F21d (2022/08/11)

1. Adjust SMBIOS Type130 PCIe address data.

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F21c (2022/07/01)

1. Add BIOS setup CPU Numa DIMM requirement string.
2. Add SATA device information on POST screen.
3. Fix can not directly boot CentOS when lack of prefix 'shim' efi files.

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F21b (2022/06/17)

1. Adjust Intel X710-DA2 initial PCIe settings.
2. Update Redfish Onboard device data.

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F21a (2022/06/14)

1. Update SRP 2.10.
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