

BIOS Release Notes

TITLE

SUBJECT: MP62-HD0 BIOS Release Notes version [F31L](#)
System: [MP62-HD0-00,H262-P60-00,H262-P61-00,H262-P62-00,TO24-P60-000](#)

About This Release

Build Date: [2023/06/12](#)
BIOS Checksum: [0xC48EFE30](#) (32M)
Release Owner: Yuan.Chen

BIOS Components/Contents

Processor stepping(s) supported: Ampere eMAG2 processors
System hardware configurations supported: MP62-HD0
PCB Version: 1.x
Ampere Altra / Max SRP: 2.10

OPROM version :

OPROM	Version
AST2600	

Installation Notes

IMPORTANT NOTES:

- Please extract the MP62-HD0_F31L.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 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

F31L (2023/06/12)

1. Add ARM ACS Server Ready patch.
2. Adjust Setup item BMC IPv6 network setting.

F31k (2023/04/19)

1. Adjust TO24-P60 GENZ_2 PCIe bifurcation setting.

F31j (2023/04/18)

1. Fix TO24-P60 GF_1_2 PCIe detected issue.

F31i (2023/04/17)

1. Fix System boot hang when install some PCIe card in GF_1_2 slot.
2. Add Shell built-in ipmi command support.

F31h (2023/04/14)

1. Support TO24-P60 System config.
2. Fix SMBIOS Type129 HDD wrong device information.
3. Update SMBIOS Type128 OEM version information.

F31g (2022/12/26)

1. Adjust ROT protected data offset.

F31e (2022/11/28)

1. Modify the Redfish inventory PCIe Lan Firmware version string when no OPROM 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.

F31d (2022/11/16)

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1. Fix BPB NVMe detect fail issue.

F31c (2022/11/16)

1. Adjust SCP, ATF version to 2.10.

F31b (2022/10/25)

1. Support BIOS CEC1712 key.

F31a (2022/10/17)

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

F21j (2022/10/14)

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

F21i (2022/09/30)

1. Update Release Note pdf format.

F21h (2022/09/26)

1. Update SRP 2.10a.

F21g (2022/09/12)

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

F21f (2022/09/05)

1. Adjust CRA3338 common clock patch.
2. Support BIOS master and backup hpm image.
3. Modify SMBIOS Type130 Current Link speed to Max Link speed.
4. Disable PCIe auto bifurcation function when bifurcation mode is manual.
5. Adjust SMBIOS Type130, Type131 Subsystem, SubVendor ID.

F21e (2022/07/15)

1. Add H262-P62 System NVMe hotplug table.

F21d (2022/07/07)

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1. Adjust SMBIOS Type130 PCIe address data.
2. Add SATA device information on POST screen.

F21c (2022/06/27)

1. Adjust H262-P61 NVMe hotplug table.
2. Fix can not directly boot CentOS when lack of prefix 'shim' efi files.
3. Add BIOS setup CPU Numa DIMM requirement string.

F21b (2022/06/17)

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

F21a (2022/06/13)

1. Update SRP 2.10.
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