

BIOS Release Notes

TITLE

SUBJECT: MP33-DC0 BIOS Release Notes version [F09c](#)

System: [MP33-DC0-000](#),[R163-P30-AAB1-000](#),[R163-P30-AAG1-000](#),
[R163-P32-AAB1-000](#),[R163-P32-AAC1-000](#),[R163-P32-AAG1-000](#),
[R163-P32-AAH1-000](#),[R263-P30-AAC1-000](#),[R263-P30-AAH1-000](#),
[R263-P33-AAL1-000](#),[E163-P30-AAB1-000](#),[E163-P30-AAG1-000](#)

About This Release

Build Date: [2024/10/28](#)

BIOS Checksum: [0xF9ED151D](#) (64M)

Release Owner: Yuan.Chen

BIOS Components/Contents

Processor stepping(s) supported: AmpereOneX Processors

System hardware configurations supported: MP33-DC0

PCB Version: 2.x

Ampere SRP: 4.4.2.1

OPROM version :

OPROM	Version
AST2600	1.13.04

Installation Notes

IMPORTANT NOTES:

- Please extract the MP33-DC0_F09c.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.

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BIOS UPDATE INSTRUCTIONS FOR GbtUtility:

1. Please copy the BIOS_ZIP file to GbtUtility folder.
2. Use Command Shell.
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

F09c (2024/10/28)

1. [Feature] Modify I2C Perst Pin define for CNVC381-00 Retimer card.
2. [Bug Fix] Fix Mellanox CX7 duplicate MAC in boot option.
3. [Bug Fix] Fix SMBIOS Type39 PSU detected issue.
4. [Bug Fix] Modify Redfish BiosAttribute item.

F09b (2024/09/26)

1. [Bug Fix] Modify the PCIe slot mapping information.

F09a (2024/09/20)

1. [Feature] Update SRP 4.4.2.1.

F08d (2024/08/23)

1. [Bug Fix] Fix Redfish BIOS item missing issue.

F08c (2024/08/01)

1. [Feature] Support CPU SKU A192-32X, A192-26X, A96-27X information.
2. [Feature] Support BIOS Setup CPLD version information.
3. [Feature] Fine tune Serial port console log.
4. [Bug Fix] Fix the Security PKfail issue.

F08b (2024/07/17)

1. [Feature] Support System R263-P33-AAL1 config.
2. [Feature] Support SMBIOS Type2 MB Version 3.0+.

F08a (2024/06/29)

1. [Feature] Update SRP 4.4.1.1.
2. [Feature] Support Setup menu hotkey <ESC>.
3. [Feature] Update CVE OpenSSL CVE-2023-3446, CVE-2023-5363

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F07h (2024/06/24)

1. [Feature] Support RTC Wakeup function.
2. [Bug Fix] Fix Redfish Network adapter information failed issue.
3. [Bug Fix] Fix NVMe hotplug function failed in specific CPLD fw.

F07g (2024/06/18)

1. Modify Setup hotkey to DEL only for SRP 4.3.1.1 bl1 issue.
2. Modify DDR CE error injection count.
3. Support BMC IPv6 gateway and router address in BIOS setup.

F07f (2024/06/05)

1. Fix CMOS battery removal can not restore BIOS default issue.
2. Support Power Button shutdown function.
3. Support GCT BIOS LogoFail CVE function check.
4. Support BIOS item Power Policy Quick Settings.
5. Update UEFI Gop driver version 1.13.04.

F07e (2024/05/30)

1. Support BIOS USB, SATA PCIe control item.
2. Modify Smbios tool type1/2/3 rule to follow the spec.

F07d (2024/05/22)

1. Fix remove battery then not display error message on POST issue.
2. Enable Secure boot function.
3. Fix BIOS Boot menu Onboard Lan naming abnormal when enable HTTP boot issue.
4. Modify SMBIOS Type3 / Type4 information.
5. Support Setup item Serial Port Console Redirection.
6. Adjust USB setting for GBT BMC.

F07c (2024/05/14)

1. Fix NVMe hotplug failed issue.
2. Fix BIOS Setup BMC IPv4 static IP setting failed issue.
3. Support BIOS Setup PCIe, Onboard Lan Option rom control item.
4. Support BIOS Setup Onboard Lan controller enable item.

F07b (2024/05/07)

1. Support System SKU R163-P30-AAG1, R163-P32-AAH1, R163-P32-AAG1, E163-P30-AAG1, R263-P30-AAH1.

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2. Update ROT CEC1720 protected area offset.
3. Modify iPX E Guid detected for AmpereOneX platform.
4. Modify HOST smbus switch behavior.
5. Fix Setup menu Memory information incorrect issue.

F07a (2024/04/30)

1. Update SRP 4.3.1.1
2. CVE Patch LogoFAIL CVE-2023-39539 and CVE-2023-39538.
3. Support Endless Retry PXE feature.

F06h (2024/01/16)

1. Support Mellanox CX3 Lan MAC feature.
2. Fix Rc active status not sync Default value.
3. Support DIMM Error SEL event.
4. Remove BIOS Setup Memory Slot Information page.

F06g (2024/01/02)

1. Add POST Pause HotKey function.
2. Cancel AMI LogoFAIL Vulnerability patch.
3. Fix SMBIOS Type129 NVMe information incorrect issue.
4. Modify MP33-DC0 System BPB NVMe order under Linux OS.
5. Show BMC IP Address in BIOS Setup.

F06f (2023/12/12)

1. Fix BMC WebUI VGA device speed and width information incorrect issue.
2. Add AMI LogoFAIL Vulnerability patch.

F06e (2023/11/29)

1. Support Afu tool UEFI / Linux BIOS image flash.

F06d (2023/11/23)

1. Improve Onboard LAN Name info for Boot Option.
2. Remove Setup FRU Info NOTE.
3. Fix SMBIOS Type 4 CPU wrong Family.

F06c (2023/11/21)

1. Fix BMC WebUI system time not syncing BIOS RTC issue.
2. Fix SMBIOS / Redfish shared memory transfer failure issue.

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F06b (2023/11/14)

1. Support BIOS Setup SATA information.
2. Remove IP Configuration Setup item.

F06a (2023/11/09)

1. Update SRP 4.2.2.1.
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