

BIOS Release Notes

TITLE

SUBJECT: MC13-LE0 BIOS Release Notes version F24
System: MC13-LE0-000, MC13-LE1-000, R113-C10-AA01-000, R113-C10-AA02-000

About This Release

Build Date: 2023/12/13
BIOS Checksum: 0x93668813(32M)
Release Owner: Ian.Liu

BIOS Components/Contents

Processor stepping(s) supported: AMD Raphael Processors
System hardware configurations supported: MC13-LE0-000, MC13-LE1-000
Microcode updates versions:

CPUID	Family	Microcode Update ID
00A60F00	Raphael A0\B0	0A601114
00A60F00	Raphael A1\B0	0A601203

IPMI support:
AMI Kernel version: 5.31_1AYFL_PI1.0.8.0_026
AMD AGESA PI version: AGESA-V9 ComboAm5 1.0.8.0
Platform version:1.X
OPROM version:

OPROM	Version
AST2600 VGA	1.13.01

Installation Notes

IMPORTANT NOTES:

1. Please extract the MC13-LE0_F24.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.

BIOS Release Notes

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

F24

1. Update AMD kernel AGESA-V9 ComboAm5 1.0.8.0.
-

F23

- 1.Add MAX temperature control performance function.
-

F22

- 1.Add SKU "R113-C10-AA02-000"
-

F21

- 1.Fine tune Redfish function.
-

F20

- 1.Update setup PCIe item and WebUI PCIe information by SKU.
-

F19

- 1.Fine tune SVID\SSID information.
 - 2.Update DIMM information.
 - 3.Fine tune setup item.
 - 4.Fine tune USB speed for
-

F18

- 1.Update PPT table for SKU R113-C10-AA01-000.
-

BIOS Release Notes

F17

1. Fine tune WebUI.
 2. Fine tune setup item.
-

F16

1. Update AMD kernel AGESA-V9 ComboAm5 1.0.0.7.
 2. Fine tune setup memory information.
 3. Add new SKU name.
-

F15

1. Add “Assign resource for X16 slot” item.
 2. Fine tune setup item behavior.
 3. Fine tune RedFish function.
-

F14

1. Add “SMT Control” item.
-

F13

1. Fine tune Setup to fix boot option issue.
-

F12

1. Fine tune AC Loss function.
 2. Set year default.
-

F11

1. Update kernel 5.26_1AYFL_PI1.0.0.4_014.
 2. Fine tune POST information.
 3. Fine tune setup item information.
-

F10

1. Add the PCIe patch to solve magic packet cannot enable.
 2. Fine tune setup item.
 3. Enable Power limit function.
 4. Enable VR function.
-

F09

1. Disable S3 and S4.

BIOS Release Notes

2. Fine tune platform name.
 3. Set memory SMBus behavior.
-

F08

1. Fine tune setup item and information.
 2. Fine tune POST information.
-

F07

1. Set BP SMBus switch to BMC, when BIOS ready.
 2. Fine tune PCIe behavior for Broadcom Mass Storage Controller PCIe card.
 3. Fine AC loss function.
-

F06

1. Fine tune assign resource to support some PCIe card.
 2. Fine tune setup item.
-

F05

1. Add the patch for FCH usb3 port1 cannot work.
-

F04

1. Set DP/USB port performance.
-

F03

1. Add SATA mode item and NVME RAID mode item.
 2. Set DP/USB port 3 only support usb.
-

F02

1. Update kernel 5.26_1AYGF_PI1.0.0.3_012.
 2. Update VBIOS.
-

F01

1. Release PVT BIOS.
 2. Fine tune PCIe slot auto detect function.
-