

BIOS Release Notes

TITLE

SUBJECT: MC13-LE0 BIOS Release Notes version F20
System: MC13-LE0-000, MC13-LE1-000, R113-C10-AA01-000

About This Release

Build Date: 2023/06/29
BIOS Checksum: 0xB0390208(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	0A600005
00A60F00	Raphael A1\B0	0A60110E

IPMI support:

AMI Kernel version: 5.26_1AYFL_PI1.0.0.7_020

AMD CSI/MRC Package version: AGESA-V9 ComboAm5 1.0.0.7

Platform version:1.X

OPROM version:

OPROM	Version
AST2600 VGA	1.13.01

Installation Notes

IMPORTANT NOTES:

1. Please extract the MC13-LE0_F20.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.

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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

F20

- 1.Update setup PCIe item and WebUI PCIe information by SKU.
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F19

- 1.Fine tune SVID\SSID information.
 - 2.Update DIMM information.
 - 3.Fine tune setup item.
 - 4.Fine tune USB speed for
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F18

- 1.Update PPT table for SKU R113-C10-AA01-000.
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F17

- 1.Fine tune WebUI.
 - 2.Fine tune setup item.
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F16

- 1.Update AMD kernel AGESA-V9 ComboAm5 1.0.0.7.
 - 2.Fine tune setup memory information.
 - 3.Add new SKU name.
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F15

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

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F14

1. Add “SMT Control” item.
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F13

1. Fine tune Setup to fix boot option issue.
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F12

1. Fine tune AC Loss function.
 2. Set year default.
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F11

1. Update kernel 5.26_1AYFL_PI1.0.0.4_014.
 2. Fine tune POST information.
 3. Fine tune setup item information.
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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.
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F09

1. Disable S3 and S4.
 2. Fine tune platform name.
 3. Set memory SMBus behavior.
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F08

1. Fine tune setup item and information.
 2. Fine tune POST information.
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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.
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F06

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- 1.Fine tune assign resource to support some PCIe card.
 - 2.Fine tune setup item.
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F05

1. Add the patch for FCH usb3 port1 cannot work.
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F04

1. Set DP/USB port performance.
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F03

- 1.Add SATA mode item and NVME RAID mode item.
 - 2.Set DP/USB port 3 only support usb.
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F02

- 1.Update kernel 5.26_1AYGF_P11.0.0.3_012.
 - 2.Update VBIOS.
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F01

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