

BIOS Release Notes

TITLE

Motherboard: MTGU3AB-00 BIOS Release Notes version F12
System: MTGU3AB-00,GB-BSi3-1115G4,GB-XTMB-00

About This Release

Build Date: 2024/06/27
BIOS Checksum: 0xAFAB2DAB
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: Intel Tigerlake-UP3 Processors
System hardware configurations supported: MTGU3AB-00
Microcode updates versions:

CPUID	Family	Microcode Update ID
806C1	Intel(R) Mobile Tiger Lake 4+2 UP3 B-1	000000AA
806C2	Intel(R) Mobile Tiger Lake UP3 Refresh 4+2 C-0	0000002A

Kernel Version :
AMI Kernel version: 5.19_1AWHY_RC0A.00.7D.70(5513.02)_056
Intel CSI/MRC Package version: 0A.00.7D.70(5513.02)
Intel ME Firmware version: 15.0.1.1345v4.2

OPROM Version :

OPROM	Version
GOP Driver	17.0.1052
I219 LAN	0.0.29
I225 LAN	0.8.08

Installation Notes

IMPORTANT NOTES:

1. Please extract the **MTGU3AB-00_F12_BIOS.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 setup menu
A)Boot option#1 set to UEFI Shell
3. When step2 done, reset system and boot to setup menu
A)BIOS Lock / disabled
4. Save and Reset and directly into UEFI Shell

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5. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
6. Execute FLASH.NSH for bios update
7. After bios flash finish, please reboot system

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

F12

1. Support Resizable BAR feature.
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F11

1. Improved TBT device detection.
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F10

1. Improved Memory compatibility for RedCat customer.
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