

BIOS Release Notes

TITLE

SUBJECT: MR11-LC0 BIOS Release Notes version [R08](#)

System: [R161-R12-00](#), [R161-R13-00](#)

About This Release

Build Date: [2023/2/21](#)

BIOS Checksum: [0xC4E5656C](#) (16M), [0xBA0AA034](#) (32M)

Release Owner: ant.wei

BIOS Components/Contents

Processor stepping(s) supported: Intel® Skylake-X, CascadeLake-X processors

System hardware configurations supported: MR11-LC0

Microcode updates versions:

CPUID	Family	Microcode Update ID
50650	SkyLake Processor A-1 (50650)	8000002B
50651	SkyLake Processor A-2 (50651)	8000002B
50652	SkyLake Processor B-0, L-0 (50652)	80000037
50654	SkyLake Processor H-0, M-0, U-0 (50654)	02006A0A
50655	Cascade Lake A-0 (50655)	03000010
50656	Cascade Lake B-0 (50656)	04003006
50657	Cascade Lake B-1 (50657)	05003006

IPMI support:

AMI Kernel version: [Gbt_Kernel_010_66](#)

Intel CSI/MRC Package version: [2.0.44.50](#)

SPI Descriptor version: [11.12.77.1664](#)

OPROM version :

OPROM	Version
AST2500 VGA	1.09.00
INTEL 1G PXE	1.5.53
INTEL 1G LAN EFI	8.5.21

Installation Notes

IMPORTANT NOTES:

1. Please extract the MR11-LC0_[R08](#).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.

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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.
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

R08

1. Fix bios access via BMC fail problem.

R07

1. Adjust Setup Menu "IMC BCLK" item does not gray.
2. Setup Menu display "ODT" & "DRAM RON" relative items.
3. Fixed Profile name miss problem.
4. Microcode update
Update microcode: CPU ID: 50654, Microcode Version: 02006B06
Update microcode: CPU ID: 50656, Microcode Version: 04003102
Update microcode: CPU ID: 50657, Microcode Version: 05003102
5. Fixed long run reboot OC fail problem.

R06

1. Fixed some system profile was too large to be saved issue.

R05

1. Fixed F9 Load default fail problem.
2. Modify OC setting reboot behavior.

R04

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1. Update Microcode:
Update microcode: CPU ID: 50654, Microcode Version: 02006A0A
Update microcode: CPU ID: 50656, Microcode Version: 04003006
Update microcode: CPU ID: 50657, Microcode Version: 05003006
2. Modify VR chip SVID mode switch behavior.

R03

1. Update VR binary version T06b.
2. Modify OC rule.

R02

1. Fixed web ui information wrong problem.
2. Fixed disable ME hang problem

R01

1. Release R01 BIOS.

T04

1. Adjust Setup Menu OC Config page
2. Update RC 2.0.44.50
3. Update Microcode:
Update microcode: CPU ID: 50654, Microcode Version: 02000069
Update microcode: CPU ID: 50656, Microcode Version: 04002F00
Update microcode: CPU ID: 50657, Microcode Version: 05002F00
4. Fix WDT feature for OC can not work problem.
5. Fixed Save/restore profile to USB feature can not work problem

T03

1. Fix bits-2079 test SMI fail
2. Fix legacy PXE fail
3. Fix NMI function fail

T02

1. Fix SVID Support disable hang problem
2. Fix Setup Menu no power Policy page problem

T01

1. First version
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