

BIOS Release Notes

TITLE

SUBJECT: MW83-RP0(GPU) BIOS Release Notes version [F05](#)
System: [W773-W80-000](#)

About This Release

Build Date: [2024/04/08](#)
BIOS Checksum: [0xBF7679D3](#) (16M), [0x9BDF461A](#) (64M)
Release Owner: ant.wei

BIOS Components/Contents

Processor stepping(s) supported: IntelR Sapphire Rapids-SP
System hardware configurations supported: MW83-RP0(GPU)
Microcode updates versions:

CPUID	Family	Microcode Update ID
806f8	Sapphire Rapids E*/S*	2b0005c0

IPMI support:
OPROM version :

OPROM	Version
INTEL 10G PXE	2.3.24
AST2600 VGA	1.12.00
INTEL RAID PACKAGE	RSTe 8.5.0.1096

Installation Notes

IMPORTANT NOTES:

1. Please extract the MW83-RP0(GPU)_[F05](#).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.
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 Release Notes

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

F05

1. [Feature] Update Microcode E*/S*: m_87_806f8_2b0005c0.pdb.
2. [Feature] Add AMI SA50232 solution for CVE-2023-45236, CVE-2023-45237.
3. [Feature] Add AMI SA50229 solution for CVE-2023-3817, CVE-2023-2650.
4. [Feature] Add AMI SA50236 solution for CVE-2023-5678.
5. [Feature] Add AMI SA50216 solution for CVE-2023-39539 and CVE-2023-39538.

F04

1. [Feature] Add Setup Menu item "CXL Type 3 Legacy"

F03

1. [Feature] Support Resizable BAR

F02

1. [Feature] Update RC 5132.D07 (Fishhawk Falls BKC WW32'23 (KIT: 785850)).
2. [Feature] Update Microcode E*/S*: m_87_806f8_2b0004d0.pdb
3. [Feature] Update CSME Firmware : 16.10.5.1625v13 (B1 Corporate)

F01

1. [Feature] PVT BIOS

D02

1. [Feature] Update RC 4891.D11 (Fishhawk Falls BKC WW22'23 (KIT: 780840)).
2. [Feature] Update Microcode E*/S*: m_87_806f8_2b0004b1.pdb
3. [Feature] Update CSME Firmware : 16.10.5.1625v9 (B1 Corporate)
4. [Bug Fix] Resolve front panel USB port compatibility issues.

D01

1. [Feature] First BIOS for DVT