

# BIOS Release Notes

## TITLE

**SUBJECT:** MH53-G40 BIOS Release Notes version F10  
**System:** MH53-G40-000, W773-H5D-AA01-000

### About This Release

**Build Date:** 2025/02/04  
**BIOS Checksum:** 0xB92202FB(32M)  
**Release Owner:** Patty.Liao

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Stormpeak SP6-Workstation  
**System hardware configurations supported:** MH53-G40-000  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
00A10F80	Stormpeak SP6-Workstation	A108105

**IPMI support:**  
**AMI Kernel version:** 5.32\_9AAHA\_PI1.1.0.0i\_011  
**AMD AGESA PI version:** StormPeak PI 1.1.0.0c  
**Platform version:** 1.x  
**OPROM version:**

OPROM	Version
AST2600 VGA	1.13.01

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MH53-G40\_F10.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\WIN\AfuWin64 and execute f.bat for Windows 64bit..

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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 <DEL> during POST
2. The bios version shows on the first main page

## Known Issues/Workarounds

### Issues fixed in this version

F10

1. Modify the system will show BSOD after Installing Win11 (24H2).

F09

1. Source code update.

F08

1. Add USB Re-Timer.

F07

1. [Security Update] PKfail issue.

F06

- 1.Support NVMe RAID feature.

F05

- 1.Enhance USB compatibility.

F04

1. Modify USB2 and USB3 Fine-Tune.

F04a

1. Modify M2\_2 and M2\_3 Slot can't detect M.2 NVMe device.

F03

1. Modify the system will hang code when installing all SATA.
2. Modify the PCIE\_2 Slot Option ROM Disable function.
3. Modify F3 hot key Function.
4. Modify COM Port Function.
5. Modify PCIe AER ECRC/LCRC Function.

F02

- 1.Modify BIOS NVME Configuration.

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- 2.Modify WebUI PCIE Inventory.
- 3.Modify NVME Hot Plug Function.
- 4.Modify Post Screen Information.
- 5.Modify the SATA SSD on the MCIO connector cannot be detected in BIOS AMD RAIDXpert2 Configuration Utility
- 6.Fine tune item.

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F01

- 1.PVT BIOS release.
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