

BIOS Release Notes

TITLE

SUBJECT: MH53-G40 BIOS Release Notes version F11
System: MH53-G40-000,W773-H5D-AA01-000

About This Release

Build Date: 2025/03/19
BIOS Checksum: 0xB8099869
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 1.1.0.0i
Platform version: 1.x
OPROM version:

OPROM	Version
AST2600 VGA	1.13.01

Installation Notes

IMPORTANT NOTES:

1. Please extract the MH53-G40_F11.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 during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

F11

1. Enhance Pcie device compatibility.
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F10

1. Modify the system will show BSOD after Installing Win11 (24H2).
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F09

1. Source code update.
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F08

1. Add USB Re-Timer.
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F07

1. [Security Update] PKfail issue.
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F06

- 1.Support NVMe RAID feature.
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F05

- 1.Enhance USB compatibility.
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F04

1. Modify USB2 and USB3 Fine-Tune.
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F04a

1. Modify M2_2 and M2_3 Slot can't detect M.2 NVMe device.
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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.

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F02

- 1.Modify BIOS NVME Configuration.
- 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.

F01

- 1.PVT BIOS release.
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