

BIOS Release Notes

TITLE

SUBJECT: MZ73-LM1 BIOS Release Notes version F20
System: MZ73-LM1-000

About This Release

Build Date: 2024/05/15
BIOS Checksum: 0xBF6FF92D (32M)
Release Owner: Auto.Build(Ray.Xu)

BIOS Components/Contents

Processor stepping(s) supported: AMD Genoa Processors
System hardware configurations supported: MZ73-LM1-000
PCB Version: 1.0
Microcode updates versions:

| CPUID | Family | Microcode Update ID |
|------------|-------------------------|---------------------|
| Genoa B0 | Family 19h Model 10-1Fh | 0x0A101020 |
| Genoa B1 | Family 19h Model 10-1Fh | 0x0A101144 |
| Genoa B2 | Family 19h Model 10-1Fh | 0x0A101244 |
| Bergamo A0 | Family 19h Model 10-1Fh | 0x0AA00009 |
| Bergamo A1 | Family 19h Model 10-1Fh | 0x0AA00116 |
| Bergamo A2 | Family 19h Model 10-1Fh | 0x0AA00213 |

IPMI support:
AMI Kernel version: 5.27_GenoaCrb_0ACQT024
AGESA PI version: GenoaPI 1.0.0.B
OPROM version:

| OPROM | Version |
|---------|---------|
| AST2600 | 1.12.00 |

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ73-LM1_F20.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 Release Notes

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

F20

1. Optimize AC Loss feature. (In Redfish function: only support command "PowerRestorePolicy")

F19

1. Enhance PCIe compatibility.

F18

1. Optimize Redfish compatibility.

F17

1. Update GBT Channel Genoa AGESA 1.0.0.B.
2. Support Endless Retry PXE feature.
3. Secure update: CVE-2023-31346, CVE-2023-31347, CVE-2023-39538, CVE-2023-39539, CVE-2023-45229, CVE-2023-45230, CVE-2023-45231, CVE-2023-45232, CVE-2023-45233, CVE-2023-45234, CVE-2023-45235.

F16

1. Modify MCIO bifurcation.

BIOS Release Notes

F15

1. Optimize default year 2024.
 2. Fixed X710 LAN Mac issue in Legacy mode.
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F14

1. Fixed yellow bang in windows.
 2. Fixed Redfish item fail issue.
 3. Enhance Redfish feature.
 4. Enhance NVMe hotplug feature.
 5. Added Power btn control item.
 6. Optimize SMBIOS compatibility.
 7. Update AGESA 1.0.0.A.
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F13

1. Optimize SMBIOS compatibility.
 2. Optimize PCIe LAN card compatibility.
 3. Optimize system inventory compatibility.
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F12

1. Remove U2_P1_G0A & U2_P1_G0B present function.
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F11

1. Fixed system reboot when error hold on.
 2. Fixed yellow bang in windows.
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F10

1. Adjust U2_P1_P0A and U2_P1_P0B support behavior on Webui.
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F09

1. Adjust U2_P1_P0A and U2_P1_P0B support behavior.
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F08

1. Adjusted BMC Watch Dog timer.
 2. Optimize Chelsio cards compatibility.
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F07

1. Support Present function.

BIOS Release Notes

F06

1. Update Inventory Mapping system.
2. Fixed COM Port mouse is not working.
3. Added DIMM Manufacturer ID 0x1A08.
4. Fixed NVME LED control failed.
5. Fixed SATA LED Control failed.
6. Adjust the display order of NVME devices list.

F05

1. Modify setup menu sata info back to no reversal to match HW(1.0) design.

F04

1. Fixed sata info on setup menu & WebbUI.

F03

1. git MZ73-LM1 BIOS F03.
2. Fixed Sata show erro on setup menu.

F02

1. Add MZ73-LM1 System.
2. Update Agesa1003.
3. remove U2_P1_P0 X16.

F01

1. First Release.
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