

BIOS Release Notes

TITLE

SUBJECT: MZ62-HD5 BIOS Release Notes version R32_F01c
System: MZ62-HD5-00,G262-ZR0-00,G262-ZL0-00,G262-ZO0-00,G262-ZRA-SU

About This Release

Build Date: 2024/06/06
BIOS Checksum: 0xA04D5CD8 (32M)
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: AMD Rome / Naples Processors
System hardware configurations supported: MZ62-HD5-00
PCB Version: 1.x,2.x
Microcode updates versions:

CPUID	Family	Microcode Update ID
Rome A0	Family 17h Model 30-3Fh	08300027
Rome B0	Family 17h Model 30-3Fh	0830107B

IPMI support:
AMI Kernel version: 5.14_RomeCrb_0ACMK029
AGESA PI version: RomePI 1.0.0.H
OPROM version:

OPROM	Version
AST2500	1.10.00

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ62-HD5_R32_F01c.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.

BIOS Release Notes

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

1. Windows OS does not support 256 or more logical.
Windows 2019 can update KB44512534 to support it.

item	OS	Win2019	Win2016
IOMMU		Enable ※	Enable KB4022723
SMT Control		Enable KB4512534	Disable

※When SMT Enabled, IOMMU need to set Enabled too.

SMT Control: AMD Simultaneous Multi-Threading Technology

KB4022723: Support IOMMU on Windows 2016.

KB4512534: Support SMT on Windows 2019.

2. NVIDIA CUDA didn't support IOMMU.

Issues fixed in this version

R32

1. Enhance Endless Retry PXE feature.

R31

1. Update AGESA 1.0.0.H.
2. Security update: 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.

R30

1. Update AGESA 1.0.0.G.
2. Update Microcode 0830107A for CVE-2023-20593 issue.
3. Added system G262-ZO0-SW-MH-001 support.

BIOS Release Notes

R29

1. Updated AGESA 1.0.0.F.

R28

1. Update AGESA 1.0.0.E.

R27

1. Update AGESA 1.0.0.D.
2. Support ROT 1712.

R26

1. Adjusted G262-ZL0-00 Onboard LAN.

R25

1. Fine tune flash tool for dual BIOS.
2. Support NVME LED control for system.
3. Modify BMC major number format in setup menu.

R24

1. Update AGESA 1.0.0.C.
2. Fixed afu check second BIOS rom failed.
3. Fixed Qlogic MAC issue in WebUI.
4. Adjusted G262-ZRA-SU/G262-ZL0-00 Onboard LAN.
5. Added system G262-ZO0.

R23

1. Fixed SMBIOS broken.
2. Added G262-ZL0-00.

R22

1. Added RedFish - System Inventory
2. Update SMBIOS Type 130,131.
3. Added Setup Flash.
4. Added H282-Z60-00 NVME Hot Plug function.
5. Added G262-ZRA-SU

BIOS Release Notes

R21

1. Updated AGESA 1.0.0.A.
2. Fixed GenZ_1 slot is always x16 issue.
3. Adjusted ISL route.

R20

1. Fixed G262-ZR0-00 hot plug failed.

R19

1. Update G262-ZR0-00 slot redriver.
2. Added normal sku for MB.
3. Added DP patch.

R18

1. Update AGESA 1.0.0.9.
2. Added ISL firmware v0006.

R17

1. Fixed G262-ZR0-00 system pcie lanes.

R16

1. Adjusted G262-ZR0-00 slot redriver.
2. Fixed BIOS crash when used non-specification PSU device.
3. Adjusted EDC Mode.
4. Fixed VGA Legacy mode hang issue.

R15

1. Update AGESA 1.0.0.8
2. Updated Redfish feature for remote setup function.
3. Fixed Clean CMOS reboot system hang.
4. Fixed UUID lost with lan card in legacy mode.
5. Added Fabric Resource Setup Items.
6. Security update for CVE-2020-10255 and CVE-2020-10713.
7. Adjusted R282-001-Q8 system Hotplug table.

R14

1. Added G242-ZR0 system sku.

BIOS Release Notes

R13

1. Fixed AMD CBS setup Page lost.

R12

1. Fixed SATA info abnormal.
2. Fixed system wait long time randomly when boot in OS.
3. Fixed redfish load boot order default fail.

R11

1. First Release.
 2. Update Aspeed option ROM to 1.10
 3. Change SMT & IOMMU Default to Auto & Enable.
 4. Fixed Server manager setup setting message box lost
 5. Fixed PCIe device sequence.
 6. Update redfish feature for boot order.
 7. Fixed MZ62-HD4 flash recovery BIOS fail.
 8. Fixed set BMC static IP hang.
 9. Fixed system wait long time when boot in OS.
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