

BIOS Release Notes

TITLE

SUBJECT: MZ61-HD0 BIOS Release Notes version F24
System: H261-Z60-00, H261-Z61-00, TO22-Z61-00, TO22-Z62-00, MZ61-HD0-NJ2, H261-001-NJ2, H261-002-NJ2, H261-Z60-NJ2, H261-Z61-NJ2, TN11-Z60-GB

About This Release

Build Date: 2024/11/07
BIOS Checksum: 0xD72B9661 (16M)
Release Owner: Ben3.Lin

BIOS Components/Contents

Processor stepping(s) supported: AMD Naples processors
System hardware configurations supported: MZ61-HD0, MZ61-HD2

IPMI support:

AGESA PI version: NaplesPI 1.0.0.B

OPROM version :

OPROM	Version
AST2500 VGA	1.09

Installation Notes

IMPORTANT NOTES:

1. Please extract the zip file 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, please reboot system

BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell
3. Execute \Tool\WIN\Win32\f.bat or \Tool\Win64\f.bat for bios update
4. After bios flash finish, please reboot system

BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press during POST
2. The bios version shows on the first main page

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BIOS UPDATE INSTRUCTIONS FOR Web UI

1. Connect BMC_IP by Internet browser
2. Click Web-UI sub-page button "Update"
3. Select Firmware Type to ROM
4. Use Command Shell
5. cd to /RBU
6. Select File Path to image.RBU
7. Click Upload

BIOS UPDATE INSTRUCTIONS FOR GbtUtility:

1. Please copy the BIOS_ZIP file to GbtUtility folder
2. Use Command Shell
3. cd to GbtUtility folder
4. Execute "java -jar GbtUtility.jar -H BMC_IP update bios BIOS_ZIP 1"

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Known Issues/Workarounds

Issues fixed in this version

F24	(2024/11/07)
1. Update SMM Lock Bypass CVE-2023-31315	
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F23	(2021/07/06)
1. Enable SR-IOV as BIOS default.	
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F20	(2020/12/04)
1. Add more UUID detection way. (for prevent get external LAN MAC failed make empty UUID)	
2. Add MI25 / MI50 FRU detection for prevent bandwidth issue.	
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F19	(2020/08/21)
1. Update secure boot to resolve security issues (CVE-2020-10713).	
2. Add PCIE_1, PCIE_2 Gen speed SETUP option	
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F18	(2020/03/02)
1. Patch for "Intel Omni-Path Host Fabric Interface Adapter"	
2. Adjust the behavior of IPMI boot device setting Legacy or UEFI	
3. Fix BMC IPv6 address cannot show on setup.	
4. Add BIOS setup item "ERP mode" (Need BMC support , Please check BMC version form Web-site)	
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F17	(2020/02/10)
1. Improve PCIe device stability.	
2. PXE boot option changed to show LAN card MAC address.	
3. Adjust SMBIOS type 9, 10, 41.	
4. Improve Redfish feature.	
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F16	
1. Support NJ2 system	
2. "CPU Configuration" page is changed to display the speed of the cpu specification.	
3. Fix POST Remote setup message error string.	
4. Disable SPI TPM setup option (Board does not support SPI TPM)	
5. When Windows 2016 will clear the TPM through the BIOS, POST will display a message.	
6. Adjust AC loss behavior. (BIOS load default will be synchronized to BMC)	
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F15	
1. Update TPM assurance AQ	
2. Disable this feature if the BMC does not support Redfish	
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F14

1. Support for future BMC versions of Redfish and Remote Setup
 2. Adjust BMC FW version format
 3. Fix Windows HLK TPM 2.0 preboot interface test failed
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F13

1. Update AGESA NaplesPI version to 1.0.0.B
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F12

1. Fix TO22-Z62 NVMe could not detect issue.
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F11

1. Support BMC 280
 2. Increase PCIe resource
 3. Support TN11-Z60-GB NVMe hot plug
 4. Temporarily disable the upload BIOS setup menu to the BMC (UpRemoteSetup)
 5. Fix logo disappears in legacy mode
 6. Support BMC VLAN ID setting on BIOS SETUP "Server Management" > "BMC Network Configuration" page
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F10

1. Support system TN11-Z60-GB NVMe hot plug
 2. Increase boot log when "COM1 / Serial Over Lan" is set to enabled
(SOL terminal size needs to be set to 100x31 for the BIOS Setup menu to display correctly.)
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F09

1. Fix setup menu can't display onboard LAN MAC in legacy mode
 2. Add POST warning when DIMM error occurs
 3. Add NVDIA RTX 2080 support
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F08

1. Fine tune the SMBIOS size to fix the side effect that legacy OS can't boot
 2. Enable the UpRemoteSetup function
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F07

1. Fix BIOS menu Security setting item is none (mantis 36408)
 2. Fix SVID of PCI controller present in some SoC models is incorrect.(mantis 36448)
 3. Fix BIOS menu can't identify NVMe.(mantis 36291)
 4. Fix WebUI Storage info has no NVMe device.(mantis 36415)
 5. Skip NVDIA card type-C device to avoid platform hang code.
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F06

1. Set item "Terminal Type" default.(set VT100+)
2. Fine tune setup Chipset page.
3. Set V-Color DIMM Vendor ID to support V-Color DIMM.

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4. Fix BMC IP show abnormal string on POST.
 5. Fine tune COM port item name on setup.
 6. Add redhat efi road.
 7. Add new behavior.(When set legacy mode, show onboard VGA item.)
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F05

1. Fixed Web UI PCI Slot label lost issue.
 2. Fixed BIOS_PWD jumper function fail.
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F04

1. Fixed MZ61-HD2 nvme device lost.
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F03

1. Add TO22-Z61, TO22-Z62 support.
 2. Fixed BIOS Recovery function.
 3. Fixed M.2 information lost in the WebUI.
 4. Fixed cold reboot failed in the shell.
 5. Fixed Xen server boot issue.
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F02

1. Add H261-Z61-00 support.
 2. Fixed NMI handle issue.
 3. Added BMC System information.
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F01

1. First release.
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