

BIOS Release Notes

TITLE

SUBJECT: MZ71-OP0 BIOS Release Notes version [F13](#)
System: [MZ71-OP0-00](#), [T181-Z70-00](#), [T181-FanTest-00](#)

About This Release

Build Date: [2021/07/06](#)
BIOS Checksum: [0xD7F56861](#) (16M)
Release Owner: Kyle.Huang

BIOS Components/Contents

Processor stepping(s) supported: AMD Naples processors
System hardware configurations supported: MZ71-OP0-00
Microcode updates versions:

CPUID	Family	Microcode Update ID
Naples	NaplesSoCPkg	22

IPMI support:
AMI Kernel version: [5.013_NaplesCrb_0ACIJ022](#)
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*.bat or \Tool\Win64*.bat for bios update
4. After bios flash finish, please reboot system

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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

F13 (2021/07/06)

1. Enable SR-IOV Support.

F12 (2020/12/07)

1. Add more UUID detection way (for prevent get external LAN MAC failed make empty UUID)
2. Adjust Setup Main page display.
3. Adjust PCI Subsystem item.

F11 (2020/11/17)

1. Fix AMD Radeon Instinct MI25 ROCm Benchmark bandwidth downgrade issue.

F10 (2020/08/21)

1. Update secure boot to resolve security issues (CVE-2020-10713).

F09 (2020/03/02)

1. Add function Remote Setup.
2. Adjust AC loss behavior. (BIOS load default will be synchronized to BMC)
3. Fix mantis issue #33207.
4. Add BIOS setup item "ERP mode"
(Need BMC support , Please check BMC version form Web-site)

F08

1. Update AGESA NaplesPI version to 1.0.0.B
2. Fix BIOS F08a hangs POST when assembling RTX2080 * 4
3. Increase PCIe resource
4. Fix BIOS Recovery function failure.(mantis 36603)

F07

1. Support BMC 280
2. Fix issue of plugging GPGPU boot crash in legacy mode (mantis 37153)
3. Support BMC VLAN ID setting on BIOS SETUP "Server Management" > "BMC Network Configuration" page
4. 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.)
5. Add POST warning when DIMM error occurs
6. Add NVIDIA RTX 2080 patch
7. Skip NVIDIA 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. Fix BMC IP show abnormal string on POST.
4. Fine tune COM port item name on setup.
5. Add redhat efi road.
6. Add new behavior.(When set legacy mode, show onboard VGA item.)
7. Fix IPMI chassis bootdev command pxe function fail (mantis id 35347)
8. Fix SVID of USB controller present in some SoC models is incorrect. (mantis id

36448)

9. Support V-Color DIMM.
10. Fix POST hang Mellanox ConnexX-6 card

F05

1. Fixed PCIe show wrong info in WEB UI.
2. Fixed Cold Reboot issue in the shell.
3. Fixed MAC address disappear in the legacy mode.
4. Fixed onboard lan control failed.
5. Fixed TPM detect failed.

F04

1. Fixed PCIe bandwidth get wrong number.