

# BIOS Release Notes

## TITLE

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**SUBJECT:** MZ92-FS0 BIOS Release Notes version R06\_F00a  
**System:** R182-Z90-00,R182-Z91-00,R182-Z92-00,R282-Z90-00,R282-Z91-00,  
R282-Z92-00

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### About This Release

**Build Date:** 2019/09/16  
**BIOS Checksum:** 0x1ACD119E6 (32M)  
**Release Owner:** Hex.Jan

### BIOS Components/Contents

**Processor stepping(s) supported:** AMD Rome Processors  
**System hardware configurations supported:** MZ92-FS0,  
**Microcode updates versions:**

CPUID	Family	Microcode Update ID
Rome A0	Family 17h Model 30-3Fh	08300027
Rome B0	Family 17h Model 30-3Fh	08301025

**IPMI support:**  
**AMI Kernel version:** 5.14\_RomeCrb\_0ACMK010  
**AGESA PI version:** RomePI 1.0.0.2  
**OPROM version :**

OPROM	Version
AST2500	1.09.00

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MZ92-FS0\_R06\_F00a.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, please reboot system

#### BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell

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3. Execute \Tool\WIN\Win32\\*.bat or \Tool\Win64\\*.bat for bios update
4. After bios flash finish, please reboot system

### BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press <DEL> 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 KB4490481 to support it.

item	OS	Win2019	Win2016
IOMMU		Enable ※	Enable KB4022723
SMT Control		Enable KB4490481	Disable

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

SMT Control: AMD Simultaneous Multi-Threading Technology

KB4022723: Support IOMMU on Windows 2016.

KB4490481: Support SMT on Windows 2019.

### Issues fixed in this version

#### R06

1. Modify USB device tree.
2. Fixed OCP2 slot issue.

#### R05

1. Update AGESA 1.0.0.2.
2. Add the remote modify BIOS setup function.
3. Fixed some slot hot plug fail issue.

#### R04

1. Fixed M.2 black screen issue.
2. Fixed low temperature hang issue.
3. Adjusted SATA Web information.
4. Adjusted R282-Z92-00 system default.

#### R03

1. Fixed SCE tool issue.
2. Adjusted OPROM Option.
3. Adjusted NVMe Web information.

#### R02

1. Adjusted OPROM Option.

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2. Adjusted SLSAS and OCP2 link speed.
3. Adjusted Web UI information.

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R01

1. First Release.
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