

BIOS Release Notes

TITLE

SUBJECT: MZ92-FS0 BIOS Release Notes version D09
System: R182-Z90-00,R182-Z92-00,R182-Z91-00,R282-Z90-00,R282-Z92-00,
R282-Z91-00,R282-Z93-00

About This Release

Build Date: 2019/06/25
BIOS Checksum: 0x1A47DEC2D (32M)
Release Owner: Candy.Wu

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	0830101C

IPMI support:
AMI Kernel version: 5.14_RomeCrb_0ACMK008
AGESA PI version: RomePI 1.0.0.0
OPROM version :

OPROM	Version
AST2500	1.09.00

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ92-FS0_D09.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
3. Execute \Tool\WIN\Win32\fbat or \Tool\Win64\fbat for bios update

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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

Known Issues/Workarounds

1. Windows OS does not support 256 or more logical.
Windows 2019 can update KB4490481 to support it.

OS item	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

D09

1. Adjusted PPL.
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D08

1. Fixed 32MB hang 0x00d1 at first boot time.
 2. Adjusted OCP default hot plug function.
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D07

1. Update AGESA 1.0.0.0
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D06

1. Update AGESA 1.0.0.0 beta
 2. Fixed IPv6 address doesn't sync BMC
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D05

1. Adjusted riser card porting
 2. Adjusted USB redriver
 3. Added System support.
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D04

1. Adjusted riser card porting
2. Adjusted USB redriver
3. Added System support.

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D04

1. Adjusted riser card porting
 2. Adjusted USB redriver
 3. Added System support.
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D03

1. Update AGESA 0.0.9.0.
 2. Import SATA redriver. (2019/05/14)
 3. Import IRROM.bin file. (2019/05/13)
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E02

1. Fix 32 DIMMs system can't boot issue..
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E01

1. Base on MZ52-G40 D11.
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