

BIOS Release Notes

TITLE

SUBJECT: MZ52-G40 BIOS Release Notes version [R05_F00k](#)
System: [G482-Z51-00](#), [G492-Z50-00](#), [G482-Z52-00](#)

About This Release

Build Date: 2019/11/28
BIOS Checksum: 0xAA3328BD (32M)
Release Owner: Ian.Liu

BIOS Components/Contents

Processor stepping(s) supported: AMD Rome Processors
System hardware configurations supported: MZ52-G40,
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_0ACMK012](#)

AGESA PI version: [RomePI 1.0.0.4](#)

OPROM version :

OPROM	Version
AST2500	1.09.0

Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ52-G40_R05_F00k.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\fb.bat or \Tool\Win64\fb.bat 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

- 1 . Naples CPU please reference RelNotes_Naples.PDF
- 2 . Rome CPU please reference RelNotes_Rome.PDF