

# BIOS Release Notes

## TITLE

**SUBJECT:** MZ52-G40 BIOS Release Notes version [R14c\\_F00I](#)  
**System:** [G482-Z50-00](#),[G482-Z51-00](#),[G492-Z50-00](#),[G482-Z52-00](#),[G482-Z53-YF](#),  
[G482-Z53-00](#),[G492-Z51-00](#)

### About This Release

**Build Date:** 2020/07/03  
**BIOS Checksum:** 0xA87B373A (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
<a href="#">Rome A0</a>	<a href="#">Family 17h Model 30-3Fh</a>	<a href="#">08300027</a>
<a href="#">Rome B0</a>	<a href="#">Family 17h Model 30-3Fh</a>	<a href="#">08301038</a>

**IPMI support:**  
**AMI Kernel version:** [5.14\\_RomeCrb\\_0ACMK016](#)  
**AGESA PI version:** [RomePI 1.0.0.7](#)  
**OPROM version :**

OPROM	Version
AST2500	1.09.00

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the MZ52-G40\_R14c.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, system must Power-Off to have the changes take effect.

#### BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell.
3. Enter \Tool\Win32 and execute f.bat for Windows 32bit.

# BIOS Release Notes

Or

Enter \Tool\Win64 and execute f.bat for Windows 64bit.

4. After bios flash finish, system must Power-Off to have the changes take effect.

## BIOS UPDATE FOR Easy BIOS Refresh:

1. The system supports remotely update BIOS if BMC existent.
2. Please download the Easy BIOS Refresh User Guide from Gigabyte website, target system support page.

## 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 KB4512534 to support it.

OS	Win2019	Win2016
item		
IOMMU	Enable ✘	Enable KB4022723
SMT Control	Enable KB4512534	Disable

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

SMT Control: AMD Simultaneous Multi-Threading Technology

KB4022723: Support IOMMU on Windows 2016.

KB4512534: Support SMT on Windows 2019.

2. NVIDIA CUDA didn't support IOMMU.

## Issues fixed in this version

- 1 . Naples CPU please reference RelNotes\_Naples.PDF
- 2 . Rome CPU please reference RelNotes\_Rome.PDF