

BIOS Release Notes

TITLE

SUBJECT: MC62-G40 BIOS Release Notes version **R12**
System: MC62-G40-00, MC62-G41-00, MC62-G42-00, W771-Z00-00, W571-Z01-000, G182-C6A-E8

About This Release

Build Date: 2024/12/27
BIOS Checksum: 0xB72614C5 (32M)
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: AMD Threadripper Pro Processors
System hardware configurations supported: MC62-G40-00, MC62-G41-00, MC62-G42-00
PCB Version: 1.x
Microcode updates versions:

CPUID	Family	Microcode Update ID
CGL B0	Family 19h Model 08h	0A008005
CGL B2	Family 19h Model 08h	0A00820C
CPK A0	Family 17h Models 30h-3Fh	08300027
CPK B0	Family 17h Models 30h-3Fh	0830107C

IPMI support:
AMI Kernel version: 5.23_1AYBP_PI1.0.0.A_018
AGESA PI version: ChagallWS PI 1.0.0.A
OPROM version :

OPROM	Version
AST2600	1.12.00

Installation Notes

IMPORTANT NOTES:

1. Please extract the MC62-G40_**R12**.zip to a bootable diskette that use 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 "fs**x**:", "**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 Release Notes

BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell.
Enter \Tool\Win64 and execute f.bat for Windows 64bit.
3. 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 during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

R12

1. [Security Update] CVE-2023-31315.

R11

1. [Security Update] PKfail issue.

R10

1. Modify default year from 2023 to 2024.
2. Modify PCIe resource size.

R09

1. Support Re-Size BAR Support item.

R08

1. Modify SKU name from MC62-G42-000 to MC62-G42-00
2. Default year 2023.

BIOS Release Notes

R07

1. Support MC62-G42-000 and G182-C6A-E8 SKU.
-

R06

1. Fixed onboard VGA can't display when boot in OS.
-

R05

1. Support Graphic Output Configuration
-

R04

1. Fine tune Bixby's USB port.
-

R03

1. Support BIOS item to control PCIe Slot link speed.
-

R03a

1. Support G182-C20-ES-Escape-002 system.
-

R02

1. Support BIOS Ready.
-

R01

1. Support Chagall CPU.
-

F10

1. Identify system SKU which is W771-Z00-ES-Techdata-003. Modify all SLSAS from PCIe

BIOS Release Notes

- x4 to SATA.
 - 2. Fixed WebUI information incorrect.
 - 3. Fixed LAN3 Option ROM control item not working.
-

F09

- 1. Fixed WebUI no PCIe link speed and bandwidth information.
-

F08

- 1. Fixed WebUI no HDD information.
-

F07

- 1. Fixed set ISCIS will hang up.
 - 2. Fixed to set BMC Ipv6 will hang up.
 - 3. Improve all USB port.
 - 4. Default year 2022.
-

F07a

- 1. Fixed MCX354A-FCBT WebUI information.
 - 2. Fixed Bluetooth of Wifi control.
 - 3. Fine tune SMBIOS information.
-

F06

- 1. Identify system SKU which is R152-C60-ES-Scaleway-001. Modify all SLSAS from PCIe x4 to SATA.
 - 2. Fixed CPU SATA cannot hot plug.
-

F05

- 1. Identify system SKU which is W771-Z00. Modify all SLSAS from PCIe x4 to SATA.

BIOS Release Notes

F04

1. Support RedFish inventory feature.
2. Fixed TPM cannot be detected.
3. Add more device information in SMBIOS type 131.
4. Fine tune setup manual.

F03

1. Fine tune USB for HLK.

F02

1. Show VR version in main page.
2. Improve SATA port.
3. Fine tune SATA information.
4. Support RedFish function.

F01

1. PVT First release.
-