

BIOS Release Notes

TITLE

SUBJECT: MX04-CE0 BIOS Release Notes version F05

System: MX04-CE0-000, R123-X00-AA01-000

About This Release

Build Date: 2023/12/08

BIOS Checksum: 0xB6AFC13F (32M)

Release Owner: Patty.Liao

BIOS Components/Contents

Processor stepping(s) supported: Intel Raptor Lake-E Processors

System hardware configurations supported: MX04-CE0-000

MB Version : 1.X

Microcode updates versions:

CPUID	Family	Microcode Update ID
B0671	Intel(R) Server Raptor Lake-S B-0	0000011F
90672	Intel(R) Server Raptor Lake-S H-0	00000032

IPMI support:

AMI Kernel version: 5.27_1AZIQ_RC0C.00.6B.41_007

Intel CSI/MRC Package version: RC0C.00.6B.41

Intel ME-SPS Firmware version: E3_06.02.04.008

OPROM version:

OPROM	Version
AST2600 VGA	1.10.01

Installation Notes

IMPORTANT NOTES:

1. Please extract the MX04-CE0_F05.zip to a bootable diskette that use FAT/FAT32 format

BIOS UPDATE INSTRUCTIONS FOR EFI Shell:

1. Insert USB flash driveto 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.

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2. Use Command Shell.
3. Enter \Tool\Win32 and execute f.bat for Windows 32bit.
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 UPDATEFOR 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

F05

- 1.Modify ECC Function.
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F04

- 1.Update Source code (1AZIQ_RC0C.00.6B.41_007).
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F03

1. Adjust Clear CMOS process.
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F02

- 1.Update ME (SPS_E3_06.02.04.008) and Micocode (Microcode_400) for PVT version.
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F01

- 1.First release for PVT version.
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