

BIOS Release Notes

TITLE

SUBJECT: MZ93-FS1 BIOS Release Notes version R20_F30
System: MZ93-FS1-000,R183-Z93-AAD1-000,R183-Z93-AAV1-000,
R183-Z94-AAD1-000,R183-Z94-AAV1-000,R183-Z94-AAD2-000,
R183-Z94-AAV2-000,R183-Z95-AAD1-000,R183-Z95-AAV1-000,
R183-Z96-AAD1-000,R183-Z96-AAV1-000,R283-Z94-AAD1-000,
R283-Z94-AAV1-000,R283-Z94-AAD2-000,R283-Z94-AAV2-000,
R283-Z95-AAD1-000,R283-Z95-AAV1-000,R283-Z96-AAE1-000,
R283-Z96-AAJ1-000,R283-Z96-AAE2-000,R283-Z96-AAJ2-000,
R283-Z96-AAE3-000,R283-Z96-AAJ3-000,E283-Z91-AAD1-000,
E283-Z91-AAV1-000,R183-Z93-LAJ1-000,R283-Z98-AAL1-000

About This Release

Build Date: 2025/10/30
BIOS Checksum: 0x6CF66F2E (32M)
Release Owner: Nelson.Lin

BIOS Components/Contents

Processor stepping(s) supported: AMD Turin / Genoa Processors

System hardware configurations supported: MZ93-FS1-000

PCB Version: 1.x,3.x

Microcode updates versions:

CPUID	Family	Microcode Update ID
Turin A0	Family 1Ah Model 00h-0Fh	0x0B00004D
Turin B0	Family 1Ah Model 00h-0Fh	0x0B001016
Turin C0	Family 1Ah Model 00h-0Fh	0x0B002032
Turin C1	Family 1Ah Model 00h-0Fh	0x0B002152
Turin Dense A0	Family 1Ah Model 00h-0Fh	0x0B10000F
Turin Dense B0	Family 1Ah Model 00h-0Fh	0x0B10104F

IPMI support:

AMI Kernel version: 5.35_0ACST_PI1.0.0.7_021

AGESA PI version: TurinPI 1.0.0.7

OPROM version:

OPROM	Version
AST2600	1.13.00

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Installation Notes

IMPORTANT NOTES:

1. Please extract the MZ93-FS1_R20_F30.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. Flash script for bios update:
 - 4.1 For AMD EPYC 9004 series CPU, execute f_GtoT.nsh
 - 4.2 For AMD EPYC 9005 series CPU, execute f.nsh
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. For AMD EPYC 9004 series CPU:
 - 3.1 Enter \Tool\WIN\afuwin32 and execute f_GtoT.bat for Windows 32bit.
 - 3.2 Enter \Tool\WIN\afuwin64 and execute f_GtoT.bat for Windows 64bit.
4. For AMD EPYC 9005 series CPU:
 - 4.1 Enter \Tool\WIN\afuwin32 and execute f.bat for Windows 32bit.
 - 4.2 Enter \Tool\WIN\afuwin64 and execute f.bat for Windows 64bit.
5. 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