AXIS S22xx Mk II

BIOS Update Guide

Document version: **v2** | Last updated: **2026-07-01**

1. BIOS Release Notes

Version	Release Date	Changes & Improvements
BG_Zxxx-005	2026-06-30	• Added the Microsoft Windows UEFI CA 2023 Secure Boot certificate to the firmware trust database, ensuring continued compatibility with Microsoft's updated Secure Boot trust chain.
BG_Zxxx-004	2026-03-31	• Added new "Last State" power behaviour option in the BIOS Power Management section. With this option enabled, the system automatically returns to its previous power state after a power loss, complementing the existing options: **Power On** **Power Off**

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2. How to Update the BIOS

> ⚠ IMPORTANT
> Follow all steps carefully.
> Do not power off or use the system during the BIOS update.
> The update process may take several minutes and may include multiple restarts.
> This guide assumes you are performing all steps on the S22xx itself. If preparing files on a separate PC, copy the extracted files to your AXIS S22xx before Step 4.

Prerequisites

- Windows administrator access
- Internet connection
- Correct BIOS .bin file for AXIS S22xx Mk II

Step 1: Download the AFU Utility

1. Go to: https://www.ami.com/resource-type/support-docs/
2. Download 'Aptio V Firmware Update Utility'
3. Extract the downloaded .zip file

Step 2: Extract the Windows 64-bit Tool

4. Navigate to: ...\Aptio_V_AMI_Firmware_Update_Utility\afu\afuwin\64
5. Extract 'AfuWin64.zip' to a convenient location (e.g., your Desktop)

Step 3: Download the BIOS File

6. Go to axis.com
7. Download the correct BIOS .bin file for AXIS S22xx Mk II
8. Place the .bin file in the same folder as the extracted AFU files

Step 4: Open Command Prompt as Administrator

9. Click Start
10. Type 'cmd'
11. Right-click Command Prompt and select 'Run as administrator'

Step 5: Navigate to the AFU Folder

Use the ‘cd’ command to navigate to the folder containing AFUWINx64.exe.
Example: cd C:\Users\<YourName>\Desktop\AfuWin64

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Step 6: Run the BIOS Update

Run the following command to update the BIOS (where lowercase 'x' represents your file): AFUWINx64.exe BG_Zxxx-xxx.bin /biosall /X

Do not interrupt the system during this process. The tool will display "Process Completed" when done.

Step 7: Reboot the System

12. Reboot the system when the update completes
13. The AXIS splash screen may take up to a minute to appear
14. Multiple restarts are normal during this phase

Step 8: Reboot Once More in Windows

After Windows has fully loaded, perform one additional reboot.

Step 9: Restore BIOS Defaults

15. When the AXIS splash screen appears, repeatedly press **Del** to enter the BIOS
16. Navigate to *Save & Exit* > *Restore Defaults*
17. Select *Save Changes and Reset*

✓ **UPDATE COMPLETE**

The BIOS update is now complete, and the system will boot normally.

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