



Release Notes

ET51/ET56 Windows 10 Tablets BIOS and Embedded Controller Firmware

Component Versions

Component / Description	Version
ET51/ET56 Windows 10 BIOS	04.69
ET51/ET56 Windows 10 EC FW	1.41

Software packages

Package Name	Description
ET5X_BIOS-04.69_EC-1.41.zip	Combined package includes BIOS rev. 04.69 and EC FW rev. 1.41

Windows OS Requirements

The BIOS/EC ET51 and ET56 device must contain any released version of Windows 10 IoT LTSC/SAC OS image, and is intended for all general-availability SKUs of ET51/ET56 Windows 10 Tablets.

New in BIOS 04.69

- This BIOS rev. 04.69 is based on and intended to replace BIOS rev. 4.66.
- Improved I2C communication between SoC and Touch Panel
- Add support for limiting processor current consumption with A3950 SOC to same level as with E3940 SOC
- Add support for enabling limited battery charging from BIOS settings (requires EC FW rev. 1.41 or higher)

New in EC FW 1.41

- EC FW rev. 1.41 is based on and intended to replace EC FW rev. 1.30
- Added various EC to hardware communication improvements
- Implemented limited battery charging support (requires BIOS rev. 4.69 or higher)



Product SKU Support

ET51AE-W12E	ET51AT-W12E	ET56BE-W12E	ET56BT-W12E
ET51AE-W12E-SF	ET51AT-W12E00IA		ET56BT-W12E-00IA
ET51AE-W14E	ET51AT-W14E	ET56BE-W14E	ET56BT-W12E-00JP
ET51AE-W15E	ET51AT-W15E	ET56BE-W15E	ET56BT-W14E
ET51AE-W15E-0011			ET56BT-W14E-00BR
ET51AE-W15E-SF			ET56BT-W15E
			ET56BT-W15E-LTSC

Known Issues and Limitations

- BIOS 4.69 is not applicable to Custom ET5X ET51AE-W12E-DT and ET51AE-W15E-DT SKUs released with BIOS rev. 4.67

Installation Instructions for BIOS 04.69 and EC 1.41 package

1. Plug your device into power.
2. Save all your work before you proceed since a reboot is required to complete the BIOS update.
3. Download and extract the zip file ET5X_BIOS-04.69_EC-1.41.ZIP on device, for an example into C:\ET5X_BIOS_EC folder.
4. Go to Start -> Windows System. Under "Windows System", right-click on "Command Prompt" select "More" and click on "Run as administrator".
5. In Administrator Command Prompt window, go to the C:\ET5X_BIOS_EC folder.
6. Type "ET5X-WIN10-EC_FW-1.41.bat" and press Enter.
7. After EC flashing is completed, type "EC_FW_UPDATE.exe /v" to check new EC FW revision:
EC FW VERSION = 0001_0041 and EC FW VERSION STRING = Zebra_EC_Aura_1_41
8. From the same C:\ET5X_BIOS_EC folder, type "ET5X-WIN10-BIOS-04.69.exe" to install BIOS update
9. Follow the on-screen instructions.
10. Windows will restart and install the BIOS and EC FW updates.
11. Check BIOS version:
 - Option 1: Open Administrator Command Prompt (see above), type "wmic bios get smbiosbiosversion" command and press Enter. Output looks like this: "SMBIOSBIOSVersion W-04.69".
 - Option 2: In the Search bar, type "msinfo32" and then press Enter to open "System Summary" page. On "System Summary" page, look for "BIOS Version/Date INSYDE Corp. W-04.69, 7/18/2023". Below "BIOS Version/Date", EC FW revision is shown as well: "Embedded Controller Version 1.41"
12. Note: ET5X-WIN10-BIOS-04.69_NO_REBOOT.exe file updates BIOS silently without automatically rebooting device. It can be used instead of "ET5X-WIN10-BIOS-04.69.exe" to update BIOS remotely using Microsoft SCCM or similar tools and must be followed by a command to reboot the device.

Important Links

- [Zebra Techdocs](#)
- [Developer Portal](#)
- [ET51 Support Page](#)
- [ET56 Support Page](#)

About ET51 and ET56 Windows 10 Enterprise Tablets

When it comes to choosing a tablet for your business, your workers want sleek consumer styling, while you need enterprise-class durability, data capture and an accessory family that allows you to create the perfect tablet solution for your environment, workers and apps. Now you can have it all with the ET51 and ET56 Enterprise Tablets. The thinnest and lightest of the full line of Zebra rugged tablet computers, the ET51 and ET56 provide your workers with the same great styling they love on their personal tablet. You get a tablet built to handle allday, everyday business, inside and outside your four walls. Both the compact 8.4 inch or full-size 10.1-inch model have bright, daylight viewable displays, and are loaded with features that make data capture easy. And a wide range of accessories boost ruggedness, simplify charging, extend battery life and make this tablet easy to carry and easy to wear. The ET51/ET56 Enterprise Tablets — all the features your business needs, with the consumer good looks your workers want.

Revision History

Rev	Description	Date
1.0	Initial revision	01 November 2023