# AKB-140FB

# QuickGuide
English

www.adesso.com



## LIMITED WARRANTY

Adesso One-Year Limited Warranty
Adesso provides a one-year limited warranty on all its products, covering defects in materials and workmanship. During this period, Adesso will repair or replace any product found to be defective. However, this warranty does not cover products subjected to improper freight handling, shipping abuse, neglect, improper installation, or unauthorized repairs. Additionally, the warranty will not apply to products installed with non-Adesso-approved components or to products with a broken sealed assembly trace.

If you discover a defect, Adesso will, at its discretion, repair or replace the product at no charge, provided the product is returned within the warranty period with pre-paid freight charges. Before returning any product, you must obtain a Return Merchandise Authorization (RMA) number. This RMA number must be clearly marked on the outside of the package being returned for warranty service.

Be sure to include the following in the package:

- Your Full Name
- Shipping address (no P.O. boxes)
- Telephone number
- A copy of the invoice showing proof of purchase

## PRODUCT SUPPORT

We have made available product FAQ's (Frequently Asked Questions) at:
https://adesso.com/frequently-asked-questions/

Email Support: support@adesso.com
Toll Free Support: (800) 795-6788

(9:00AM to 5:00PM PST Monday - Friday) Excluding State and Federal Holidays.
Please allow 1-2 business days for replies.



## Introduction

Adesso AKB-140FB Desktop Keyboard with Fingerprint Reader features a 104-key keyboard layout with a built-in Fingerprint Reader for quickly login, secure files.This is the perfect Point of Sale Keyboard with security and multi-functional abilities. This full-sized keyboard is perfect for any desktop,kiosk, office, or warehouse, while the built-in multi-functional hotkeys allow quick access to your multimedia controls and Internet browser commands.The Membrane Key Switches provide long lasting and durable action, smooth to the typists touch, and do not attract as much dust and grime as other keyboard switches. With all these amazing features, Adesso AKB-140FB is the ultimate all-purpose full-sized keyboard for business, security, and retail.

## SPECIFICATIONS

- Key Layout: 104-Key US Layout
- Key Type: Membrane
- Connection: USB Cable
- Life Cycle: 5 Million Keystrokes
- Dimensions: 18" X 5.8" X1.1" (434 X 146.5 X 28mm)
- Weight: 1.54 bs(700g)

## REQUIREMENTS

**Compatibility:** Windows 10/11
**Connectivity:** Wired USB (USB-A)



## Fingerprint Reader Specifications

- SecurityIP: AES256/SHA256/ECC256/TRNG
- Fingerprint IDs: 10
- Detect: 360 degree all round
- FAR:under 1/100000
- FRR: under 1.8%
- Matching time: 0.05 second
- Matching type: matching on chip (MOC)

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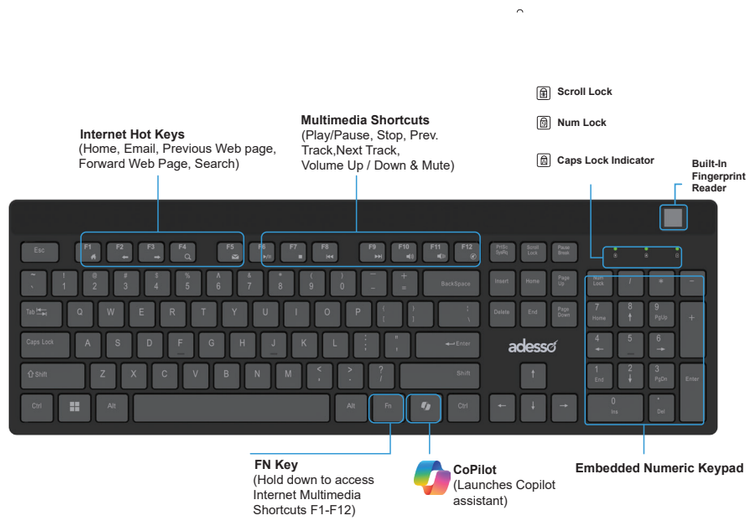
## Keyboard Description & Features

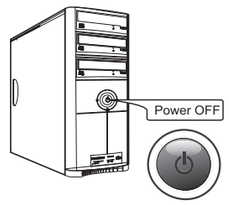



**Setup Guide Video**

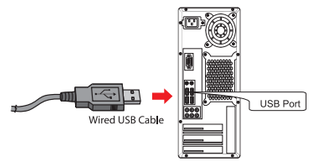


## Installation

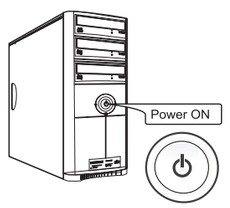
1. Make sure that your computer is turned OFF before installing this keyboard.




2. Plug in the USB cable into your computer.




3. Turn On your computer, operating system will detect the device automatically.






## Fingerprint Setup Guide

### Driver Auto Installation Instructions:

Follow the steps below to install the driver and set up your Adesso fingerprint reader with Windows Hello.

### 1. INSTALL THE DRIVER (Automatic)

Windows 11 will normally install the fingerprint reader driver automatically through Windows Update.

1. Open "Settings" (RIGHT-CLICK Windows Start).
2. Go to "Windows Update".
3. Click "Check for updates".
4. Allow Windows to download and install any available driver updates.

### 2. VERIFY THE DRIVER INSTALLATION

To confirm the fingerprint reader is installed correctly:

1. Right-click the "Start Menu" and select "Device Manager".
2. Expand "Biometric Devices".

If the fingerprint reader appears in this section, the driver is installed correctly.

⚠ If you see a yellow warning icon under "Other Devices", the driver may not be installed properly and Windows Update should be run again.



### 3. SET UP A PIN (Required)

Windows Hello requires a PIN before biometric sign-in can be enabled.

1. Open "Settings".
2. Go to "Accounts → Sign-in options".
3. Select "PIN (Windows Hello)".
4. Click Set up and follow the prompts.

### 4. SET UP FINGERPRINT SIGN-IN

Once your PIN is created, you can add your fingerprint.

1. Open "Settings".
2. Go to "Accounts → Sign-in options".
3. Select "Fingerprint Recognition (Windows Hello)".
4. Click "Set up".

### 5. VERIFY YOUR IDENTITY

Enter the PIN you created earlier to continue.

**Scan Your Fingerprint:**

- Place your finger on the fingerprint sensor.
- Lift and place your finger repeatedly as prompted until the scan is complete.

[TIP] For better recognition accuracy, it is recommended to:

- Scan the finger from multiple angles
- Register more than one finger



## TROUBLESHOOTING

Fingerprint Sign-In Not Available for Administrator Account
Windows may prevent fingerprint login for the built-in Administrator account due to security policies.

Why This Happens
Microsoft disables biometric sign-in for the built-in Administrator account by default to prevent high-privilege accounts from being misused.

SOLUTION:
Create a regular user account and use it for daily login.

1. Go to "Settings → Accounts → Other Users".
2. Click "Add account".
3. Create a standard user account.

Set up Windows Hello fingerprint login on that account (see STEP 4).

### Enhanced Sign-in Security (ESS)

If fingerprint login fails, Enhanced Sign-in Security may be enabled.

To disable it:

1. Open "Settings".
2. Go to "Accounts → Sign-in options".
3. Find "Enhanced sign-in security".
4. Turn the setting Off.

After completing these steps, you should be able to sign in to Windows using your fingerprint.