

Quickstart Guide





AUTHENTREND











Welcome









- proprietary app or driver.
- embedded system.

• One Card for All- With a USB Type-A port, NFC, BLE and a fingerprint sensor built-in, you can securely do access control, login, and authentication all in one card.

• Standalone Enrollment – Users can easily enroll fingerprints directly to the Security Key and do not require any other

• Best Fingerprint Experience – Integrated with the Egis fingerprint sensor for increased accuracy, ATKey.Card also boast having the fastest fingerprint recognition speeds on the market and function with any HID device.

• Highly Secure Design – It is FIDO2-certified and lets users store up to 8 encrypted fingerprint templates inside a secure







Smart Badge type security card can communicate with the host through USB/BLE/NFC interfaces, including FIDO2, and FIDO U2F.









Verify to turn NFC on / BLE broadcasting

BLE broadcasting (No fingerprints enrolled)

Verify fingerprint to start 'Standalone

(If there is any registered fingerprint) Touch the fingerprint sensor to confirm the BLE pairing / Standalone enrollment (Blue LED flashes from slow to fast)

Multi-interfaces and supported OS

	8	USB
	BLE	USB
Enroll fingerprint	\checkmark	\checkmark
Azure AD logon	\checkmark	\checkmark
Windows 10 build 1903 and above	\checkmark	\checkmark
Android	\checkmark	\checkmark
iOS		\checkmark
Linux		\checkmark
Mac OS		\checkmark
Chrome OS	\checkmark	\checkmark
NFC door locker		

*You can check the adoption status of each platform from the following links: (Updated from FIDO 2020.06) https://fidoalliance.org/fido2/fido2-web-authentication-webauthn/







Set up your ATKey and enroll fingerprints first

There are serval available tools that can be used for set up security keys. • Note: Only USB and BLE modes are allowed to be used for setup.







Open Windows Settings

"Settings" > "Devices" > "Add Bluetooth or other device"

Availability: In Windows 1903 and above.

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				Windows	Settir	ngs			<	÷	Settings
				Find a setting		٩			c c	ጔ	Home
	旦	System Display, sound, notifications, power		Devices Bluetooth, printers, mot		Phone Link your Android, iPhone		Network & Internet Wi-Fi, airplane mode, VPN		Fin Devic	d a setting ces
	¢	Personalization Background, lock screen, colors		Apps Uninstall, defaults, optional features	8	Accounts Your accounts, email, sync, work, other people	。 A字	Time & Language Speech, region, date			Bluetooth & other d
	⊘	Gaming Xbox Game Bar, captures, Game Mode	Ģ	Ease of Access Narrator, magnifier, high contrast	Q	Search Find my files, permissions	A	Privacy Location, camera, microphone	(וכ	Printers & scanners Mouse
	\mathbb{C}	Update & Security Windows Update, recovery, backup									Touchpad Typing
						_					





2 Add a Device – Bluetooth pairing

- Power ON your ATKey.Card and press the power button twice.
- • Cyan LED#2 flashes. Choose the "ATKey.Card-S/N" showed on the window.
- OOO White LED#2 flashes. Click "Connect" and touch the fingerprint sensor to confirm BLE pairing.



ce. I" showed on the window. he fingerprint sensor to confirm



BLE mode:







Open Windows Settings I

"Settings" > "Accounts" > "Sign-in options" > "Security Key"

Availability: In Windows 1903 and above.

	Settings					- 0	← Settings
			W	indows Settings			☆ Home
		Fi	nd a setting		Q		Find a setting Accounts
		System Display, sound, notifications, power		Devices Bluetooth, printers, mouse		Phone Link your Android, iPhone	R≡ Your info ⊠ Email & accounts & Sign-in option
	\bigoplus	Network & Internet Wi-Fi, airplane mode, VPN	Ą	Personalization Background, lock screen, colors		Apps Uninstall, defaults, optional features	오 Sign-In Option 전 Access work or so 옷 Family & other use
L	0	Accounts	A .	Time & Language		Gamino	C Sync your settings

Sign-in options

Manage how you sign in to your device

Select a sign-in option to add, change, or remove it.

Windows Hello Face This option is currently unavailable—click to learn more

- 0

Sign in with your fingerprint scanner (Recommended)

Windows Hello PIN This option is current This option is currently unavailable—click to learn more



Sign in with a physical security key

Manage a phycical security key that can log you into applications.

Learn more

2 Set the PIN of ATKey

Add "Security key PIN" first, the PIN will write into ATKey.Card.





3 Add Your Fingerprint

Set up "Security Key Fingerprint", type-in PIN code and follow the hints to enroll fingerprint until "All Set!"

命 Home	Sign-in options
Find a setting	Manage how you sign in to your device
Accounts	Select a sign-in option to add, change, or remove it.
ຂ≡ Your info	• Windows Hello Face This option is currently unavailable—click to learn more
🖾 Email & accounts	Sign in with your fingerprint scanner (Recommended)
🔍 Sign-in options	Windows Hello PIN This option is currently unavailable—click to learn more
Access work or school	Sign in with a physical security key
우, Family & other users	Manage a physical security key that can log you into applications.
ℑ Sync your settings	Learn more



Key Setup - Chrome built-in Security Key /





Open Chrome Settings

"Settings" > "Privacy and security" > "Manage security keys" > <u>chrome://settings/securityKeys</u>

Availability: In the latest Chrome browser in ChromeOS, macOS and Linux core system.

Settings	Q Search settings	Settings
You and Google Autofill Safety check	Privacy and security Clear browsing data Clear history, cookies, cache, and more	≗ You iii Aut Ø Saf Print
 Privacy and security Appearance Search engine Default browser 	 Cookies and other site data Third-party cookies are blocked in Incognito mode Security Safe Browsing (protection from dangerous sites) and other security settings Site Settings Controls what information sites can use and show (location, camera, pop-ups, and 	Apr Q Sea Def U On Advanced
() On startup Advanced ~	Appearance	Extensions About Chro
Extensions 🖸	Theme Open Chrome Web Store Show home button http://tw.yahoo.com/ New Tab page	
	Show bookmarks bar	••





Set The PIN and Fingerprints of ATKey 2

You can manage PIN, fingerprints, and credentials inside the key. Create a PIN first and start to add your fingerprints.

Create a PIN	
Protect your security key with a PIN (Personal Identification Number)	То с
Sign-in data View and delete sign-in data stored on your security key	
Fingerprints Add and delete fingerprints saved on your security key	м
Reset your security key This will delete all data on the security key, including its PIN	En
	PIN





After finish adding, you can assign the name of your enrolled fingerprint.

Manage fin	gerprints			
Fingerprints	on this secur	ity key		Add
PII	D#2D7DE			×
👼 FPII	D#3747A			×
				Done



Add fingerprint

Key Setup - Standalone Enrollment





Enroll Fingerprints through Standalone Enrollment

With no need for any device or application download.

• Please enroll a fingerprint at the same place If you have already set up a PIN using any previous method. You can enroll your fingerprint directly using this method only if you have not yet set up a PIN or you want to add more fingerprints.



- Power on your ATKey.Card.
- LED#1 Blue ON.
- Press the side button 3 times quickly.
- O O O LED#2 turns WHITE.
- Touch the sensor in a circular motion, $\bigcirc \bigcirc \bigcirc$ LED#2 will change from slowly flashing to faster flashing.
- LED Green ON, enrollment is complete.
- If you want to quit "standalone enrollment", press the button and the LED will turn to
- If there are any enrolled fingerprints in your ATKey.Pro, LED#2 will 🔵 🔵 🛷 Green flash first on step 4, that you need to verify registered fingerprint to start enrolling new finger.



Blue, back to the normal state.

Key Setup - ATKey for Windows(App)



Download "ATKey for Windows" App 🚯 🚥

Turn your ATKey.Card on and launch the App.

Version: 2.0.57.0 and above





ATKey for Windows	 © ()
+ Add and Register ATKey	
Bluetooth On Now discoverable as "DESKTOP-239KLM0"	
Registered ATKey	





2 Pair and Register Your ATKey

- Press the power button twice and BLE begins broadcasting (LED#2 flashes in CYAN)
- Touch the fingerprint sensor to confirm the BLE pairing (LED#2 flashes in WHITE)

				1/4 Pairing with ATK Pair Device	ev card
ATKey for Windows	dd an ATKey		$\overline{\mathbf{x}}$	Pair device?	
+ Add and Regist y	C			Does the PIN on "ATKey.card-0180038C" match 816965	the PIN below?
Bluetooth	ATKey.card-0180038C	E4:E0:AF:58:F4:F5	£))	Yes	Cancel
On On		_			
Now discoverable as "DESKTOP-239KLM0"	LED #2 LED #1			1/4 Pairing	h ATKey card
	<u> </u>			Pair Device	
Registered ATKey				ATKey.card-0180038C Connection succeeded	
		LED #2			
A		Ô			Close
				Next	Cancel
	A				

_ED#2 flashes in CYAN) #2 flashes in WHITE)

Enroll your fingerprint

Follow the instructions to add fingerprint.

Default name is -: ATKey.Car + S/N







4 Enroll Your Fingerprint

After been successfully enrolled, the fingerprint will be listed in the main window.

for Windows	C (2)	ATKey for Windows			C (
Add and Register ATKey		+ Add and Register ATKey			
verable as "DESKTOP-239KLM0"		Bluetooth On Now discoverable as zSamsung-Notebook9-Pen"			
ered ATKey		Registered ATKey	*	(LED)) {); (); ()





Fingerprint Management

Turn your ATKey.Card on and launch the App

		+
ATKey for Windows		×
+ Add and Register ATKey		*
Bluetooth On Now discoverable as "zSamsung-Notebook9-Pen" Bluetooth is Enabled OK.		1
Registered ATKey		V
• ATKey.pro-01C00037	•	

Fingerprint

e all Fingerprint

rate Fingerprint Sensor

×

2 Add / Remove Fingerprints



• Enroll new fingerprints by following instructions.



 It needs Windows PIN code authorize before delete fingerprints.

e to

- Doing Calibration to recalibrate the sensor.
- Don't put your finger on it during calibration.
- **OOO** WHITE LED will flash and back to Blue.

Enjoy your biometric authentication experience! Download the user manual from here:



Powered by AUTHENTREND

Questions? Let us know!



www.authentrend.com/atkey-card

contact@authentrend.com