



Meet the YubiKey Bio Series FIDO Edition

Product highlights

The YubiKey Bio Series - FIDO Edition has been designed to meet stringent security requirements as part of the industry-leading legacy of Yubico.

The gold standard for biometric authentication, where Yubico's hallmark hardware security meets user convenience.

- With support for FIDO2/WebAuthn and FIDO U2F, the YubiKey Bio Series enables secure passwordless MFA and two-factor authentication for cloud-first environments or cloud and on-premise hybrid environments.
- Built for use with desktops, the YubiKey Bio Series is available in two form factors; USB-A and USB-C
- Works across platforms supporting WebAuthn such as Windows, macOS, Chrome OS, and Linux and across browsers such as Microsoft Edge and Google Chrome

The YubiKey Bio Series is available in a USB-A form factor (YubiKey Bio - FIDO Edition), and in a USB-C form factor (YubiKey C Bio - FIDO Edition)

Authentication use-cases

Passwordless MFA

Authenticator + Biometric or Authenticator + PIN: The fingerprint sensor enables biometric authentication for greater convenience.

Strong 2FA

Password + (Authenticator + Biometrics): The fingerprint sensor verifies user identity via a fingerprint instead of touch/tap which verifies user presence.

YubiKey Bio in Action: Get started with your keys

Start here: yubi.co/bio


Fingerprint enrollment

Enrolling fingerprints on your YubiKey Bio varies depending on whether you are using Windows or macOS or Linux or Chrome OS.

Windows 10—To set up your YubiKey Bio with Windows 10, check out our [YubiKey Bio enrollment using Windows video](#).

macOS / Linux / Chrome OS—To set up your YubiKey Bio, check out our [YubiKey Bio enrollment using Chrome video](#).

Compatible accounts and services

To experience the FIDO2 passwordless capability, we recommend setting up the YubiKey Bio Series with  Outlook

The YubiKey Bio Series can also be used with any account or service that supports FIDO2/WebAuthn or FIDO U2F. For the full list of services compatible with YubiKeys, see our [Works with YubiKey](#) page.

Additional fingerprints

Yubico recommends enrolling at least two fingerprints on your YubiKey Bio Series key.

Backup key setup

Yubico always recommends adding two keys to each of your online services and accounts; one primary and one secondary as backup in case the primary is lost. Adding a second YubiKey is done exactly the same way as adding your primary YubiKey. Yubico recommends that you add it at the same time as you add your primary key.

If a key is lost, remove it from the associated account(s) and add a new YubiKey to the associated account(s) to ensure you have at least one backup key associated with the account.

Your backup key can be any YubiKey with the FIDO2/ WebAuthn and FIDO U2F applications enabled, therefore it can be either a key from the YubiKey 5 Series, a Security Key Series or a YubiKey Bio Series key. Note that because the PIN, and in the case of a YubiKey Bio Series key the fingerprint(s) templates, are associated with the individual keys, it is necessary to set a PIN or enroll fingerprints on each backup security key individually.

To learn more about setting up backup keys, please visit our Backup YubiKey guide [here](#).



FAQ

Will the YubiKey Bio Series work with any service that supports FIDO U2F/FIDO2?

Yes, it will work but you'll have to set up your biometrics on a computer first. In order to enroll fingerprints, you'll need to set up a PIN (just like with a Security Key Series or a YubiKey 5 Series key).

The YubiKey Bio works with services such as Azure AD, Office 365, Outlook.com, Gmail, Google Workspace, Facebook, Dropbox and more.

Do you have to set up a PIN with the YubiKey Bio Series key?

Yes, you have to set up a PIN before you can use the key. This is because the PIN is the underlying credential and the authentication method required to manage fingerprint templates on the key. This is similar to how biometrics work on your smartphone (FaceID, TouchID, Android biometrics).

Does the YubiKey Bio work with mobile devices?

The YubiKey Bio is built for and is optimized for desktop, and will work anywhere a FIDO2/U2F key works. Please note this key does not support NFC. Due to mobile operating systems and security key limitations, we don't advise using this key on mobile devices at this time.

If you're interested in using a YubiKey on mobile, we recommend using the YubiKey 5 Series, specifically the YubiKey 5 NFC, YubiKey 5C NFC or the YubiKey 5Ci.

When should someone use a YubiKey Bio Series key vs. the YubiKey 5 Series key?

We recommend using the YubiKey Bio Series when:

- Securing an account with a service that supports modern FIDO U2F or FIDO2/WebAuthn protocols
- Authenticating primarily using a desktop device
- In Cloud-first environments
- Great use cases include shared workstations and mobile restricted environments

However, if you need the following, we recommend that you choose a key from the YubiKey 5 Series:

- Need to work across desktop and mobile
- Supporting applications and services using a range of protocols such as OTP, FIDO U2F and FIDO2/WebAuthn and Smart card/PIV
- Securing legacy and modern environments and offers a bridge to passwordless, utilizing non-FIDO protocols

Why is this YubiKey Bio Series FIDO-only?

We're always looking to innovate and are continuing to explore how we can support additional protocols in future YubiKeys.