Product Specifications & Technical Details

Token2 - security is easy

T2KEN

Product Details

Token2 PIN+Bio3 FIDO2 Security Key with Biometric Authentication

The **Token2 PIN+ Bio3** is a dual-interface **FIDO2 security key** designed for strong, phishing-resistant authentication. Featuring a high-resolution, round fingerprint sensor (⌀14mm), it enables fast and secure PIN + biometric login. The key includes a **leather protective case** to shield the fingerprint sensor from physical damage and wear. Even among the most rugged biometric devices, exposed sensors are vulnerable to impact and contamination — the included case ensures long-term reliability.

- **OpenPGP Applet:** Release3.2 introduces an updated OpenPGP applet, enhancing compatibility with OpenPGP software for secure digital signing, encryption, and authentication.

Manage Passkeys and Fingerprints on Your Platform

Passkeys and fingerprint credentials can be managed across multiple platforms:

- **Windows**: using built-in OS tools or our FIDO2.1 Manager
- **macOS**: via the fido2-manage.dmg installer or Chromium's security key management tool
- **Android** & **iOS**: through the *Token2* Companion App
- **Linux**: by compiling the fido2-manage tool from source code

Technical Specifications

Feature	Details
Interfaces	USB-A, USB-C (dual interface)
Firmware	FIDO 2.1 ^{Token2} PIN complexity enforcement Release3.2
Authentication Protocols	FIDO2 / WebAuthn (USB only)
Passkey Storage	Up to 300 credentials
TOTP Profiles	Up to 50 entries (via USB)
HOTP Support	Not supported
OpenPGP	RSA2048, RSA3072, RSA4096 secp256r1, secp256k1, secp384r1, secp521r1 ed25519, x25519 User Interaction Flags (UIF), Key Derived Function (KDF)
Fingerprint Sensor	Round, 14mm diameter, 508 DPI resolution
Verification Time	~0.9 seconds
False Acceptance Rate (FAR)	< 0.0001%
False Rejection Rate (FRR)	~1%
Max Fingerprints Stored	29
Included Accessories	**Leather protective case**

Compatibility & Use Cases

For supported platforms, services, and usage examples, visit our overview page:
Token2 FIDO2 Key Overview & Compatibility Guide

Why Choose Token2 PIN+ Bio3?

- Secure biometric authentication with PIN fallback
- Dual USB-A and USB-C ports for broad device support
- Up to 300 passkeys and 50 TOTP profiles
- Includes leather case to protect the fingerprint sensor

FIDO2 functionality is available via USB only.

Please ensure your device has a USB-A or USB-C port for FIDO2 usage.

Biometric sensor
The Token2 Bio3 runs our FIDO2 L2-certified PIN+ firmware and features the same biometric sensor as used in our previous Bio and Bio2 models. Certification of the biometric component follows a separate assessment process, which is currently underway.

Product Images
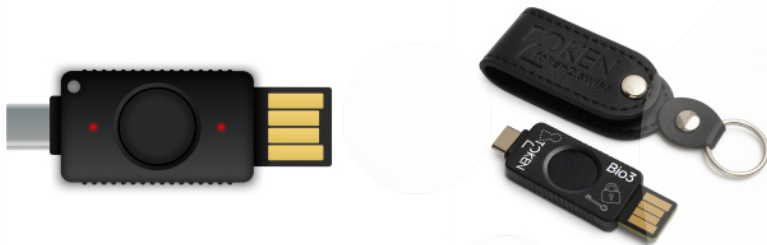
Summary

Model Number	T2F2-PIN+ Bio3 Dual
Certification	Level1, Level2
Form-factor	Plastic case + Leather cover USB-A, USB-C Biometric sensor (ø14mm)
Functions	PIN+ with Fingerprint protection FIDO2.1 WebAuthN+CTAP (USB only) OpenPGP
AAGUID	eabb46cc-e241-80bf-ae9e-96fa6d2975cf
Dimensions	53.6×18×6.5 mm
Weight	6 gr
Programmable	yes
Storage	passkeys: 300 HOTP: 0 TOTP: 50
Product ID	T2-112

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Product page

https://www.token2.com/shop/product/token2-pin-bio3-fido2-security-key-with-biometric-authentication

About Token2

Token2 is a cybersecurity company specialized in the area of multifactor authentication. Founded by a team of researchers and graduates from the University of Geneva with years of experience in the field of strong security and multifactor authentication, Token2 has invented, designed and developed various hardware and software solutions for user-friendly and secure authentication. Token2 is headquartered in Geneva, Switzerland

Token2 is a member of *FIDO Alliance* and *swiss made software* label

fido ™
ALLIANCE | simpler
stronger
authentication

swiss made software

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